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Francis Brown of Salem Mass

SEA JOURNAL.

JOURNAL OF A VOYAGE

From *Salem* to *Cape Cod* in
the *West Star* of Salem commanded
by *Wm. Conant*

Begun *July 24th* 18*38*, and
terminated *November 26th* 18*39*

KEPT BY

Francis Brown



SOLD BY

JOHN W. ARCHER,

AT HIS BOOKSTORE, CORNER OF ESSEX AND ELM STREETS, SALEM.

—WHERE MAY BE HAD—

Bowditch's Navigator, Coast Pilot, Shipmaster's Assistant, Mercantile Guide, Seamen's Manual, Oriental Navigator,
Art of Sailing and Mastmaking, Sailor's Physician, Walsh's Mercantile Arithmetic, Tariff of Duties,
Sailing Directions for different Coasts and Seas, Nautical Almanacs, Cases of Instruments,
Scales, Dividers, Log Paper, Writing Paper, Quills, Ink, Inkstands,
and all articles of Stationery necessary for Seamen.

A variety of BOOKS, and an extensive assortment of CHARTS of various Coasts and Seas, with Directions.

Landmark Press.

47-2
JUNY WHITE, 1891



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JUNY WHITE, 1891

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Pingree Heirs

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2 guns
10 blms
120p

Outward Force

REPORT AND MANIFEST of the Cargo laden at the Port of

Benjamin Conrad Master, bound for the Port of *St. John*

MARKS.	NUMBERS.	Packages or Articles in bulk, to be arranged Alphabetically, and each kind to be separately inserted and distinctly described.
<i>ATC</i>	<i>184,978</i>	<i>Two hundred & fifty bales Domestic</i>
<i>TM</i> ^{VI}	<i>3984,4038</i>	
<i>ATC</i> ^{VII}	<i>5706,5205</i>	
<i>I, C S A S</i>	<i>51,59</i>	<i>Five Cases bleached Domestic</i>
<i>S</i>	<i>1,100</i>	<i>One hundred barrels, refined Sugar</i>
		<i>One hundred boxes Soap</i>
		<i>Seventy eight barrels, Resin</i>
		<i>Five hundred & fourteen barrels, Stone</i>
		<i>One hundred boxes, Green Candles</i>
		<i>Thirty five kegs & Twenty boxes Tobacco</i>
		<i>Eleven Boxes Cloves</i>
		<i>Two bags Spice</i>

Salem 19 July, 1828

Benjamin Conrad
I, *Benjamin Conrad* Master or commander of the *Bank Star*
do solemnly, sincerely and truly swear, that the Manifest of
scribed with my name, contains, according to the best of my knowledge and belief, a full, just and true account of all the Goods, W
Merchandise shall be laden or put on board the said *Bank Star* previous to her sailing from this
merchandise, therein specified, have been paid or secured according to law, and that no part thereof is intended to be re-laden w
will forthwith make a just and true report thereof to the Collector of the Customs of the District wherein such distress or accident
contains the whole quantity of salted Beef or Pork on board the said vessel, and that no salted Beef or Pork is shipped on board
Commonwealth. And I further swear, that the said Merchandise is truly intended to be exported to *Guantanamo*
Sworn this *19th* day of *July* 1828
Before me,
Collector.

ign Manifest.

Salem on board the *Bank Star*
pritar via Cape of Good Hope

SOLE BY JOHN W. ARCHER.

Contents or quantities in Cells.
 lbs. Yds. Ps. &c. to be in-
 serted in figures.

VALUE AT THE PORT OF EXPORTATION.

	Value of Domestic produce or Merchandise.		Value of Foreign produce or Merchandise.		TOTAL AMOUNT.	
	DOLLARS.	CENTS.	DOLLARS.	CENTS.	DOLLARS.	CENTS.
<i>197 1/4 yds</i>	<i>16</i>	<i>48</i>				
<i>81.62 "</i>	<i>✓ 93</i>	<i>08</i>				
<i>22.46 1 lb.</i>	<i>✓ 22</i>	<i>46</i>				
<i>2000 "</i>	<i>✓ 14</i>	<i>0</i>				
	<i>✓ 23</i>	<i>4</i>				
	<i>✓ 91</i>	<i>53</i>				
<i>3334 lbs</i>	<i>✓ 11</i>	<i>11</i>				
<i>105 7/11 lbs</i>	<i>✓ 13</i>	<i>12</i>				
<i>2 1/2 b. flour</i>	<i>✓ 25</i>	<i>0</i>				
			<i>2500</i>			
	<i>\$ 318</i>	<i>61</i>	<i>2500</i>			

Salem - *Part of Salem*

Salem bound from the port of *Salem*
 the Cargo on board the said *Bank Star* now delivered by me to the Collector of this District, and sub-
 are and Merchandise now actually laden on board the said vessel, and of the value thereof; and if any other Goods, Wares or
 port, I will immediately report the same to the said Collector. I do also swear, that I verily believe the duties on all the foreign
 within the United States; and that if by distress, or other unavoidable accident, it shall become necessary to reland the same, I
 may happen. And I further swear, that, according to the best of my knowledge and belief, the Certificate hereunto annexed
 the said vessel for the ship's company, on freight or on cargo, but what is inspected and branded according to the law of this

SO HELP ME GOD.

Bay a Conant

DAY
E VOTAGE

18

L. M. A. M.

H. H.

1838

P. M. A. M.

ent. M.

SEAL OF
HENRY WHITFIELD

I *Edward Brown* do solemnly, sincerely and truly swear, that
the within List contains the Names of the Crew of the *Back Star of Salem*
together with the places of their Birth and Residence, as far as I can ascertain the same. *Edward Brown*

Sworn this *Tenth* day of *March* 1840 before me,

J. Miller COLLECTOR.

COLLECTOR'S OFFICE--District of Salem and Beverly.

I DO CERTIFY, That the within is a LIST of the Crew of the
of whereof

is Master.

Given under my hand and Seal of Office, at the Custom-House, this
of in the year of our Lord one thousand eight hundred and day

COLLECTOR.

I DO CERTIFY, That the within named

who compose

the Company of the above-mentioned
whereof

is at present Master,

have produced to me proof, in the manner directed in the Act, entitled, "An Act for the relief of
American Citizens," and pursuant to the said Act, and to the Act supplementary to the Act concerning
Consuls and Vice-Consuls, and for the further protection of American Seamen, I do hereby certify that the
said

are CITIZENS of the UNITED STATES of AMERICA.

Given under my hand and seal of office, this
day of 18

COLLECTOR.

*Back Star, Brown
Mar 16
1840
Brown*

7 Bark Star from Salem to Cape Cod. DAY OF THE MONTH.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	Tues Day of July 24	18	
1						Inch. Fath.	Air. Wat.			At 12. No sharp rain. I see		
2										It has into the str.		
3										all sail, beat to sea. From		
4										a light breeze from E.		
5										At 4. P. k. S. changed to E.		
6										" " " " " " " " " "		
7										" " " " " " " " " "		
8	5	4	E. S. E.	S. E.		30.20				" " " " " " " " " "		
9	5	4								At 9. P. k. S. changed to E.		
10	5	4		South						" " " " " " " " " "		
11	5	4								Through the night light breeze		
12	5	4								on tomorrow. Clear weather		
1	5	3								At 12. P. k. S. changed to E.		
2	5	3								" " " " " " " " " "		
3	5	3								" " " " " " " " " "		
4	5	3								on tomorrow. Clear weather		
5	5	3								" " " " " " " " " "		
6	5	3								Terminates. Fine weather		
7	5	3								" " " " " " " " " "		
8	5	3								To test advantage		
9	5	3	East							The bark draws gut hair from		
10	5	3								" " " " " " " " " "		
11	5	3								" " " " " " " " " "		
12	5	3								" " " " " " " " " "		
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. & N.
N 50 E			10	669	By Acct.	62 30	By Acct.	62 30			Per Azimuth,	5
					Obs.		Chron.				" Amplitude,	
					Dble. Alt.		Lunar,					
Miles distance per Log.			68	Diff. Lat.	2. 5	Diff. Lon.	1. 30	Inches in the well.	Set of the current,			N.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	Wednesday July 25	1838	
1	6	4	Chop	South		30.18	72			Commence with fine breezes		
2	6	4								" " " " " " " " " "		
3	6	4	Chop	S.W.						At 6. P. k. Spoke S. for from skin		
4	6	4	Chop							of for to every. Part in		
5	6	4	Chop							Ship sail, & flying S. E.		
6	6	4	Chop									
7	6	4	Chop									
8	6	4		South						At 4. To p. in Star Sails		
9	6	4								draining up to the wind		
10	6	4								Pushed down sail		
11	6	4								One then a Dutch Galliot		
12	6	4								Terminates. B. p. breezes		
1	6	4								and passing clouds		
2	6	4										
3	6	4										
4	6	4										
5	6	4										
6	6	4										
7	6	4										
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11	6	4										
12	6	4										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. & N.
					By Acct.	43 11	By Acct.	66 09	at 1000		Per Azimuth,	5.
					Obs. Dble. Alt.		Chron. Lunar,				" Amplitude,	
Miles distance per Log.			142	Diff. Lat.		Diff. Long.		Inches in the well.	Set of the current,			N.

Star from Salem to Cape of Good Hope 5. DAY OF THE VOYAGE.

OCCURRENCES.										THIRDS DAY OF JULY 26		1838
H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND.				
1			SE	SE		30.10			Commenced with fine weather			
2									was 7 Cloudy weather			
3									At 10 P.M. Sailed from N. B. 1/2			
4			SE	SE					Left harbor at 1/2 past 10			
5									At 3 P.M. Sailed from N. B. 1/2			
6									Leaving fishing grounds			
7									on 1/2 past 10			
8									At 4 P.M. Sailed from N. B. 1/2			
9									At 4 P.M. Sailed from N. B. 1/2			
10									At 4 P.M. Sailed from N. B. 1/2			
11									At 4 P.M. Sailed from N. B. 1/2			
12									At 4 P.M. Sailed from N. B. 1/2			
1									At 4 P.M. Sailed from N. B. 1/2			
2									At 4 P.M. Sailed from N. B. 1/2			
3									At 4 P.M. Sailed from N. B. 1/2			
4									At 4 P.M. Sailed from N. B. 1/2			
5									At 4 P.M. Sailed from N. B. 1/2			
6									At 4 P.M. Sailed from N. B. 1/2			
7									At 4 P.M. Sailed from N. B. 1/2			
8									At 4 P.M. Sailed from N. B. 1/2			
9									At 4 P.M. Sailed from N. B. 1/2			
10									At 4 P.M. Sailed from N. B. 1/2			
11									At 4 P.M. Sailed from N. B. 1/2			
12									At 4 P.M. Sailed from N. B. 1/2			
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION.		P. M. A. M.	
			By Acct.	Obs.	Dble. Alt.	By Acct.	Chron.	Lunar.		Per Azimuth.		
										" Amplitude.		
Miles distance per Log.			Diff. Lat.		Diff. Long.		Inches in the well.		Set of the current.		M.	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND.	OCCURRENCES.	THIRDS DAY OF JULY 27	1838
1	6		SE	15W					Commenced with fair breeze		
2	5	11							from SE and foggy weather		
3	5	4							At 1/2 past 10 P.M. Sailed from N. B. 1/2		
4	5	4							At 1/2 past 10 P.M. Sailed from N. B. 1/2		
5	5	4							At 1/2 past 10 P.M. Sailed from N. B. 1/2		
6	5	11							At 1/2 past 10 P.M. Sailed from N. B. 1/2		
7	6	4							At 1/2 past 10 P.M. Sailed from N. B. 1/2		
8	7								At 1/2 past 10 P.M. Sailed from N. B. 1/2		
9	7								At 1/2 past 10 P.M. Sailed from N. B. 1/2		
10	7								At 1/2 past 10 P.M. Sailed from N. B. 1/2		
11	7								At 1/2 past 10 P.M. Sailed from N. B. 1/2		
12	7								At 1/2 past 10 P.M. Sailed from N. B. 1/2		
1	1	3							At 5 am. Put to Sea		
2	1	3							At 5 am. Put to Sea		
3	1	4							At 5 am. Put to Sea		
4	4	6							At 5 am. Put to Sea		
5	5								At 5 am. Put to Sea		
6	5								At 5 am. Put to Sea		
7	5								At 5 am. Put to Sea		
8	5								At 5 am. Put to Sea		
9	5								At 5 am. Put to Sea		
10	5								At 5 am. Put to Sea		
11	5								At 5 am. Put to Sea		
12	5								At 5 am. Put to Sea		
						30.00 1/2					
						30.05					
COURSE.			DIST.	DEPART.	LATITUDE.	LONGITUDE.			BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	By Acct. Chron. Lunar.				Per Azimuth.	
										" Amplitude.	
Miles distance per Log.						Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current.	M.	

out. Stay from Salem to Cape Cod July 20th 1848

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND.	NO. OF INDS.	OCCURRENCES.	Mon	Day	July 20th	1848
1						29.00	50.00			Commenced with brisk breeze				
2						29.00	50.00			Successive, but variable				
3										and blowing fair set				
4										The breeze increasing in				
5										light sails				
6										Through the rigging and				
7										to every part				
8							79			Mon. Light sails				
9										and a breeze standing to the Eastward				
10														
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			COURSE.	DIST.	DEPART.	LATITUDE		LONGITUDE		BEARING & DISTANCE.	VARIATION		P. M. A. N.	
			500	1° 5'	1142	By Acct.	35° 24'	By Acct.	58° 02'	15	Per Azimuth	14		
						Obs.	35° 38'	Chron.	58° 02'	15	" Amplitude			
						Dble. Alt.		Lunar						
			Miles distance per Log. 185			Diff. Lat. 12° 56'		Diff. Long. 15°		Inches in the well.	Set of the current.			

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND.	NO. OF INDS.	OCCURRENCES.	Tues	Day	July 21st	1848
1						29.00	50.00			Commenced with brisk breeze				
2						29.00	50.00			Successive, but variable				
3										and blowing fair set				
4										The breeze increasing in				
5										light sails				
6										Through the rigging and				
7										to every part				
8										Mon. Light sails				
9										and a breeze standing to the Eastward				
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			COURSE.	DIST.	DEPART.	LATITUDE		LONGITUDE		BEARING & DISTANCE.	VARIATION		P. M. A. N.	
			192	16.7		By Acct.	34° 19'	By Acct.	58° 20'		Per Azimuth	14		
						Obs.	34° 19'	Chron.	58° 20'		" Amplitude			
						Dble. Alt.		Lunar						
			Miles distance per Log. 192			Diff. Lat. 9° 57'		Diff. Long. 11		Inches in the well.	Set of the current.			

Ward Star

from

to 6

from 10

DAY
OF THE VOYAGE

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES.
Hawaii Day August 11 18									
1			S. East	West					Commenced with S. East & S. West and S. West weather
2	7	4							
3	7	4							
4	7	4							
5	7	4							
6	8	4							
7	8	4							
8	7	4							
9	7	4							
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... from Salem to Cape of the Hope 11th DAY OF THE VOYAGE.

H.	R.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air. Wat.	SEED-INGS.	OCCURRENCES.	Friday, Day of August 3 rd 1858		
1	1	1	28	SW		30.70						
2	1	1										
3	1	1										
4	1	1										
5	1	1										
6	1	1										
7	1	1										
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10	1	1										
11	1	1										
12	1	1										
1	1	1		SW								
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8	1	1										
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10	1	1										
11	1	1										
12	1	1										
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
			111	10.0	By Acet. Obs. Dble. Alt.	51.49		46.53		Per Azimuth, 28.00	Per Amplitude, 28.00	Per Azimuth, 28.00
			Miles distance per Log. 111		DIF. LAT. 51.49		DIF. LONG. 46.53		Inches in the well.		Set of the current, m.	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air.	SOUND-INGS.	OCCURRENCES.	Satur Day Aug 4 th	1858
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
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1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
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1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10		

Sun Star from Salem to Cape Cod, 15 DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUNDINGS.	OCCURRENCES.	Hour	Day of Month	18
1	4	4	up	SE		30.50	58					
2	4	4										
3	4	4	Case									
4	4	4										
5	4	4	up									
6	4	4										
7	4	4	SE									
8	4	4										
9	4	4										
10	4	4										
11	4	4										
12	4	4										
Morgan & his Son Sailed & pleasant weather												
1	4	4										
2	4	4										
3	4	4										
4	4	4	Case									
5	4	4										
6	4	4										
7	4	4				30.52						
8	4	4				"						
9	4	4	Case			"						
10	4	4				"						
11	4	4				"						
12	4	4				"						
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P.M. A.M.
100			119	23.4	By Acct. Obs. Dist. Alt.	32.52	By Acct. Chron. Lunar.	43.06			Per Azimuth— " Amplitude,	1/2
Miles distance per Log. 120					Diff. Lat.	5.6	Diff. Lon.	2.26	Inches in the well.		Set of the current,	30.

Through the Bay
S. 1/2 S. 1/2 E. 1/2 S. 1/2 E.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	Hour.	Day of Month	18
1	4	4	SE	SE		30.52						
2	4	4										
3	4	4										
4	4	4	SE	SE								
5	4	4										
6	4	4	SE	SE								
7	4	4	SE	SE								
8	4	4										
9	4	4										
10	4	4										
11	4	4										
12	4	4										
1	4	4	SE	SE								
2	4	4										
3	4	4										
4	4	4										
5	4	4										
6	4	4										
7	4	4										
8	4	4										
9	4	4	SE	SE								
10	4	4										
11	4	4	SE	SE								
12	4	4										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P.M. A.M.	
					By Acct. Obs. Dist. Alt.	32.05	By Acct. Chron. Lunar.	41.50		Per Azimuth, " Amplitude,		
Miles distance per Log.					Diff. Lat.		Diff. Long.		Inches in the well.	Set of the current,	M.	

Through the Bay
S. 1/2 S. 1/2 E. 1/2 S. 1/2 E.

from *W. Va.* to *Cape Cod Bay* 15 DAY OF THE VOYAGE.

H.	K.	F.	COURSES	WINDS	LEE Way	BAROM. 30.2	THERMOM. Air, Wat.	SOON 1308	OCCURRENCES	1878
1									<i>Commence</i>	
2									<i>1 p.m. S. & W. W.</i>	
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

COURSE	DIST.	DEPART.	LATITUDE	LONGITUDE	BEARING & DISTANCE	VARIATION	P. M. A. M.
<i>S. E.</i>	<i>10.2</i>		By Acct. Obs. Dulo. Alt. <i>51.2</i>	By Acct. Chron. Lunar <i>44.5</i>	<i>West</i>	Per Azimuth, " Amplitude,	<i>West</i>
Miles distance per Log <i>26</i>			Dir. Lat. <i>38.2</i>	Dir. Long. <i>12</i>	Inches in the well.	Set of the current,	<i>21</i>

H.	K.	F.	COURSES	WINDS	LEE Way	BAROM.	THERMOM. Air, Wat.	SOON 1308	OCCURRENCES	1878
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

COURSE	DIST.	DEPART.	LATITUDE	LONGITUDE	BEARING & DISTANCE	VARIATION	P. M. A. M.
			By Acct. Obs. Dulo. Alt. <i>51.07</i>	By Acct. Chron. Lunar <i>44.5</i>		Per Azimuth, " Amplitude,	<i>West</i>
Miles distance per Log			Dir. Lat.	Dir. Long.	Inches in the well.	Set of the current,	<i>21</i>

Dark Star from ... to ... DAY OF THE VOYAGE

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND-INGS.	OCCURRENCES.	Days—Day of	18
1	2	4	4 1/2 N 1/2 E								
2	2	4									
3	2	4									
4	2	4									
5	1	4	4 1/2 S 1/2 W								
6	1	4									
7	1	4									
8	1	4									
9	1	4									
10	1	4									
11	1	4									
12	1	4									
1	1	4									
2	1	4									
3	1	4									
4	1	4									
5	1	4									
6	1	4									
7	1	4									
8	1	4									
9	1	4									
10	1	4									
11	1	4									
12	1	4									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
4 1/2 S 1/2 E			32	26.0	By Acet. Obs. Dble. Alt.	30 49.1	By Acet. Chron. Lunar.	41 12 30		Per Azimuth,	1 1/2
										" Amplitude,	
Miles distance per Log.					45	Diff. Lat.	18	Diff. Lon.	31	Inches in the well.	Set of the current, m.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND-INGS.	OCCURRENCES.	Days—Day of	18
1	3	4	4 1/2 S 1/2 W								
2	3	4									
3	3	4									
4	3	4									
5	3	4									
6	3	4									
7	3	4									
8	3	4									
9	3	4									
10	3	4									
11	3	4									
12	3	4									
1	1	4									
2	1	4									
3	1	4									
4	1	4									
5	1	4									
6	1	4									
7	1	4									
8	1	4									
9	1	4									
10	1	4									
11	1	4									
12	1	4									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acet. Obs. Dble. Alt.	29 58	By Acet. Chron. Lunar.	40 24		Per Azimuth,	
										" Amplitude,	
Miles distance per Log.					57	Diff. Lat.	57	Diff. Lon.	48	Inches in the well.	Set of the current, m.

from 1st Nov.

to Cape Cod Bay 19th DAY
OF THE VOYAGE.

II.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	Color Day of Sea.	18.	
1						30.5	50					
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
					By Acct.	By Acct.	By Acct.	By Acct.			Per Azimuth.	
					Obs. Dirc. Alt.	Chron. Lunar.					" Amplitude.	
Miles distance per Log.				DIRE. LAT.		DIRE. LONG.		Inches in the well.		Set of the current.		M.

Throughout this Day Fair
Saw & Blowing with pleasant
Weather
At 5 P.M. a dark
Showering to the S. E. & S. W.
At 11 P.M. a heavy rain on the coast
of Cape Cod Bay.

II.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM.	SUN SH-ING.	OCCURRENCES.	Color Day of Sea.	18.	
1	3		ESC.	2. white	fine fair.	30.7						
2	3											
3	3											
4	2											
5	2											
6	1	4										
7	1	4										
8	1	4										
9	2											
10	1	14	000.0						Throughout this day light			
11	1	14	000.0						for 12.5 p.m. till 1.30 p.m.			
12	1	14	000.0									
1	1	14	000.0									
2	1	14	000.0									
3	1	14	000.0									
4	1	14	000.0									
5	1	14	000.0									
6	1	14	000.0									
7	1	14	000.0									
8	1	14	000.0									
9	1	14	000.0									
10	1	14	000.0									
11	1	14	000.0									
12	1	14	000.0									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
					By Acct.	By Acct.	By Acct.	By Acct.			Per Azimuth.	
					Obs. Dirc. Alt.	Chron. Lunar.					" Amplitude.	
Miles distance per Log.				DIRE. LAT.		DIRE. LONG.		Inches in the well.		Set of the current.		M.

Throughout this Day Light
Saw & Blowing with pleasant
Weather
At 5 P.M. a dark
Showering to the S. E. & S. W.
At 11 P.M. a heavy rain on the coast
of Cape Cod Bay.

from

to

23rd DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air/Wat.	SOUND- ING.	OCCURRENCES.	
1	3		6	W.		30.20				
2	3		6	W.						
3	4									
4	4									
5	4									
6	4									
7	4									
8	4									
9	4									
10	4									
11	4									
12	4									
1	3									
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									
8	3									
9	3									
10	3									
11	3									
12	3									
Brought to the Day Eight Tides by passing Cape										
Long for Sunset @ 6.28 AM Brought to noon 38° 42' W Cape Horn 12.50 AM										
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	25 23	By Acct. Chron. Lunar,	38 45 57			Per Azimuth " Amplitude,	20
Miles distance per Log.			100	Diff. Lat.	57	Diff. Long.	14	Fathoms in the well.		Set of the current,

Throughout this Day
Light Trade & variable
with pleasant weather.

Long haul upon 20th Aug
Advised to make 38 45 57
Em. from 12 latitude

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM. Bar.	THERMOM. Air/Wat.	SOUND- ING.	OCCURRENCES.
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
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1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
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1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
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1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
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1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
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1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
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1	2	3	4	5	6	7	8	9	10
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1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

Throughout this Day
Light Trade & variable
with pleasant weather.

Long haul upon 20th Aug
Advised to make 38 53 19
Em. from 12 latitude

Point Star from *Salem* to *Cape Cod* DAY OF THE VOYAGE.

II.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air/Wat.	SOUND-INGS.	OCCURRENCES.
1	4		<i>South</i>	<i>E. S. E.</i>		<i>30.1</i>	<i>70</i>		<i>Friday Aug 11th 1871</i>
2	3								
3	1								
4	3								
5	3		<i>E. by N.</i>						
6	3		<i>E. by N.</i>						
7	3		<i>E. by N.</i>						
8	3		<i>E. by N.</i>						
9	4		<i>E. by N.</i>						
10	4		<i>E. by N.</i>						
11	4		<i>E. by N.</i>						
12	4		<i>E. by N.</i>						
1	7		<i>E. by E.</i>						<i>Throughout this day light</i>
2	2		<i>E. by E.</i>						<i>Variable wind, breeze, & water</i>
3	4		<i>E. by E.</i>						
4	4		<i>E. by E.</i>						
5	4		<i>E. by E.</i>						
6	4		<i>E. by E.</i>						
7	4		<i>E. by E.</i>						
8	4		<i>E. by E.</i>						
9	4		<i>E. by E.</i>						
10	4		<i>E. by E.</i>						
11	4		<i>E. by E.</i>						
12	4		<i>E. by E.</i>						

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Aect. Obs. Dble. Alt.	By Aect. Chron. Lunar.		Per Azimuth.	
			<i>29 30.3</i>	<i>37 30.1</i>		" Amplitude.	<i>3 1/2</i>
Miles distance per Log.		Diff. Lat.	Diff. Long.		Inches in the well.	Set of the current.	

II.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air/Wat.	SOUND-INGS.	OCCURRENCES.
1	4		<i>Star</i>	<i>E. by E.</i>		<i>30.1</i>			<i>Saturday Day of Aug 18th 1871</i>
2	4								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6		<i>E. by E.</i>						
9	6		<i>E. by E.</i>						
10	6		<i>E. by E.</i>						
11	6		<i>E. by E.</i>						
12	6		<i>E. by E.</i>						
1	7		<i>E. by E.</i>						
2	7		<i>E. by E.</i>						
3	7		<i>E. by E.</i>						
4	7		<i>E. by E.</i>						
5	7		<i>E. by E.</i>						
6	7		<i>E. by E.</i>						
7	7		<i>E. by E.</i>						
8	7		<i>E. by E.</i>						
9	7		<i>E. by E.</i>						
10	7		<i>E. by E.</i>						
11	7		<i>E. by E.</i>						
12	7		<i>E. by E.</i>						

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Aect. Obs. Dble. Alt.	By Aect. Chron. Lunar.		Per Azimuth.	
			<i>29 43.5</i>	<i>35 52</i>		" Amplitude.	<i>3 1/2</i>
Miles distance per Log.		Diff. Lat.	Diff. Long.		Inches in the well.	Set of the current.	

Yank *Star* from *5* *dist* to *Cape Cod* *18* DAY OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM. inches. Fath.	THERMOM. AIR. WAT.	SOUND- INGS.	OCCURRENCES.	19
1	4	4	Sp. H	SE		30.10			Tuesday Aug 21.	
2										
3										
4	4	4	East							
5										
6	4	4	SE							
7										
8			Wind							
9										
10										
11										
12										
1									Wednesday Aug 22.	
2										
3										
4	4	4	SE							
5										
6	4	4	SE							
7										
8										
9	4	4	SE							
10										
11										
12										
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
			By Acct.	18 33.7	By Acct.	52 15.0	Per Azimuth.			
			Obs.		Chron.		" Amplitude.			
			Dble. Alt.		Lunar,					
Miles distance per Log.			Diff. Lat.		Diff. Long.		Inches in the well.		Set of the current.	

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM. inches. Fath.	THERMOM. AIR. WAT.	SOUND- INGS.	OCCURRENCES.	18
1	4	4	SE	SE		30.17			Thursday Aug 23.	
2										
3	4	4	SE							
4										
5	4	4	SE	East						
6										
7	6	6	SE	SE						
8										
9										
10										
11										
12										
1									Friday Aug 24.	
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
			By Acct.	14 03.0	By Acct.	51 27.0	Per Azimuth.			
			Obs.		Chron.		" Amplitude.			
			Dble. Alt.		Lunar,					
Miles distance per Log.			Diff. Lat.		Diff. Long.		Inches in the well.		Set of the current.	

from *Plain* to *Cape Cod* 31. MAY
OF THE VOYAGE.

H.	K.	P.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air, Wat.	SECON- DINGS.	OCCURRENCES.	This Day Aug 23 ^d	185 ³	
1	1	1	<i>Cape</i>	<i>SE by E</i>		<i>30.10</i>						
2	1	1										
3	1	1										
4	1	1										
5	1	1										
6	1	1										
7	1	1										
8	1	1										
9	1	1										
10	1	1										
11	1	1										
12	1	1										
1	1	1										
2	1	1										
3	1	1										
4	1	1										
5	1	1										
6	1	1										
7	1	1										
8	1	1										
9	1	1										
10	1	1										
11	1	1										
12	1	1										
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
				<i>152.5</i>	<i>96.4</i>	By Acct. Obs. Dble. Alt.	<i>1235</i>	By Acct. Chron. Lunar.	<i>2958</i>		Per Azimuth " Amplitude	<i>10.00</i>
			Miles distance per Log.		Diff. Lat.	Diff. Long.		Inches in the well.		Set of the current, M.		

See Cape Cod

H.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR, WAT.	SECON- DINGS.	OCCURRENCES.	This Day Aug 24 th	185 ³	
1	1	1	SE by E	SE by E		30.10				Commenced with Light Breeze		
2	1	1	SE	SE by E						calmed after 12 with breeze		
3	1	1								at 12.30 Breeze freshened & the ship		
4	1	1	by E			30.00				made faster to S. S. Sails		
5	1	1										
6	1	1	SE	SE by E						Made fast. Speed		
7	1	1								fairway. Ship on sight at 1.30. you		
8	1	1								at 1.45 at 1.50 Ship on sight		
9	1	1								second time, over.		
10	1	1								from 1.50 to 2.00. in final		
11	1	1								with backing slowly & a heavy		
12	1	1								from 2.00 to 2.15.		
1	1	1	SE							at 2.15 Set all sails on the		
2	1	1	SE by E	SE by E								
3	1	1										
4	1	1										
5	1	1										
6	1	1				30.10						
7	1	1										
8	1	1										
9	1	1										
10	1	1										
11	1	1										
12	1	1				30.10						
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
						By Acct. Obs. Dble. Alt.	12 44	By Acct. Chron. Lunar.	29 02		Per Azimuth " Amplitude	10.00
			Miles distance per Log.		Diff. Lat.	Diff. Long.		Inches in the well.		Set of the current, M.		

Dark Star from Salem to Cape Cod Light 11 DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LET. WAT.	BAROM.	THERMOM. AIR. (WAT.)	SOUND. INGS.	OCCURRENCES.	Latitude Day or Night	IS
1	2	1	SE	W		30.10	13				
2	1						5				
3	1										
4	1										
5	2										
6	2										
7	2	1		West					Commence with Light Ship for Cape Cod Sea		
8	2										
9	3	4									
10	3	1		W							
11	3	1									
12	3	1									
1	3	5							Midnight Port Fire & Bunch of		
2	3	4							Light Ship, but did not get off		
3	3	4							the same		
4	3	4									
5	3	4									
6	3	4		South					Continues the same		
7	3	4									
8	3	4	SE			30.10			Light Ship at 4 miles, Port & Light		
9	3	4							Reduced Log 1000 25.32		
10	3	4		N.E							
11	3	4									
12	3	6				30.10	14		The Sun's Alt this Day 48° 50'		

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	11 09 57	By Acct. Chron. Lunar.	28 05 57	Per Azimuth
						28 32 17	" Amplitude
							True 6
Miles distance per Log.			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current.	M.

H.	K.	F.	COURSES.	WINDS.	LET. WAT.	BAROM.	THERMOM. AIR. (WAT.)	SOUND. INGS.	OCCURRENCES.	Latitude Day or Night	IS
1	4	1	SE	SE		30.00	4		Commence with Light Ship for Cape Cod Sea		
2	4	1					5		Appearance		
3	4	1							Shoal Light carried away & thrown		
4	4	1							to top of masthead on the 1st		
5	4	1									
6	4	3		East		30.04					
7	4	3									
8	4	3									
9	4	3	SE						Midnight Port Light 4 miles		
10	4	3							Squally		
11	4	3	SE								
12	4	3	SE	SE							
1	4	4							At 5.50 the Port Light 4 miles		
2	4	4	SE						Light Ship, but did not get off		
3	4	4							Log to be 30.03, 11 min. Port		
4	4	4	SE						we passed 10 miles, being 10.61 that is		
5	4	4							30.20 10 min. Sun.		
6	4	4									
7	4	4	SE						Light Ship 4 miles		
8	4	4									
9	4	4	SE								
10	4	4									
11	4	4									
12	4	4				30.10	14				

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	9 35 57	By Acct. Chron. Lunar.	28 03 57	Per Azimuth
						28 03 57	" Amplitude
							True 6
Miles distance per Log.			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current.	M.

from *11.20.00* to *Cape San. Hope* 35 DAY OF THE VOYAGE.

Monday, Dec 27 th										1851	
H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM. Air, Wat.	THERMOM. Air, Wat.	SOUND- ING.	OCCURRENCES.		
1	3			SE		30.10	72				
2	2										
3	1			variable							
4	1										
5	3		SE								
6	3		SE								
7	3		SE								
8	3		SE								
9	1		SE	SE							
10	2	4									
11	2	4									
12	2	4									
1	2		SE								
2	2		SE								
3	2		SE								
4	2		SE								
5	2		SE								
6	2		SE								
7	2		SE								
8	2		SE								
9	2		SE								
10	2	4									
11	2	4									
12	2	4				30.10	72				
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct.		By Acct.			Per Azimuth.	
					Obs.	9 19.1	Chron.	30.10		" Amplitude.	
					Dble. Alt.		Lat.				
Miles distance per Log.				Diff. Lat.		Diff. Long.		Inches in the well.		Set of the current.	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM. Air, Wat.	THERMOM. Air, Wat.	SOUND- ING.	OCCURRENCES.	1851	
1	4		SE	SE		30.10	72		Commenced with this & the weather		
2	4		SE	SE							
3	4		SE	SE							
4	4		SE	SE							
5	4		SE	SE							
6	4		SE	SE							
7	4		SE	SE							
8	4		SE	SE							
9	4		SE	SE							
10	4		SE	SE					Middle & Latin Drift		
11	4		SE	SE					Fresh Breeze, Cloudy		
12	4		SE	SE					with a heavy dew		
1	6		SE	SE					Tide in the Bay		
2	6		SE	SE							
3	6		SE	SE							
4	6		SE	SE							
5	6		SE	SE							
6	6		SE	SE							
7	6		SE	SE		30.05					
8	6		SE	SE							
9	6		SE	SE							
10	6		SE	SE							
11	6		SE	SE							
12	6		SE	SE		30.05	72				
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct.	9 23	By Acct.	30.05		Per Azimuth.	
					Obs.		Chron.			" Amplitude.	
					Dble. Alt.		Lat.				
Miles distance per Log. 122 1/2				Diff. Lat. 56		Diff. Long. 126		Inches in the well.		Set of the current.	

Work Star

from Salem to Cape Cod Bay

3rd DAY OF THE VOYAGE.

H.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND-INGS.	OCCURRENCES.	Time of Day	18
1	6	4	SE 6	SW	1/2	30.05	12				18
2	6		SE								
3	6		SE								
4	6	1	SE 6								
5	6	1	SE 6								
6	6	4	SE 6	WSW							
7	6	4	SE 6								
8	6	4	SE 6								
9	6	4	SE 6								
10	6	4	SE 6								
11	6	4	SE 6								
12	6	4	SE 6								
1	6	4	SE 6								
2	6	4	SE 6								
3	6	4	SE 6								
4	6	4	SE 6								
5	6	4	SE 6								
6	6	4	SE 6								
7	6	4	SE 6								
8	6	4	SE 6								
9	6	4	SE 6								
10	6	4	SE 6								
11	6	4	SE 6								
12	6	4	SE 6								
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acet. Obs. Dble. Alt.	7 52	By Acet. Chron. Lunar.	23 16		Per Azimuth. " Amplitude.	8
Miles distance per Log.				Diff. Lat.	Diff. Long.		Inches in the well.		Set of the current.		

Throughout this Day light
spouting clouds with rain
by the wind.

Current SE 29 miles.

H.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND-INGS.	OCCURRENCES.	Time of Day	18
1	6	4	SE 6	SW	1/2	30.10	12				18
2	6		SE								
3	6		SE								
4	6		SE								
5	6		SE								
6	6		SE								
7	6		SE								
8	6		SE								
9	6		SE								
10	6		SE								
11	6		SE								
12	6		SE								
1	6		SE								
2	6		SE								
3	6		SE								
4	6		SE								
5	6		SE								
6	6		SE								
7	6		SE								
8	6		SE								
9	6		SE								
10	6		SE								
11	6		SE								
12	6		SE								
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acet. Obs. Dble. Alt.	7 53	By Acet. Chron. Lunar.	23 10		Per Azimuth. " Amplitude.	8
Miles distance per Log. 119				Diff. Lat.	Diff. Long.		Inches in the well.		Set of the current.		

from N.C. to Cape & Ship. 39 DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	Barom.	Thermom.	Sound.	Occurrences, Sunday Aug 31.	1853	
1	11		By	SE	12	30.07					
2	11										
3	11										
4	11										
5	11										
6	11										
7	11		By	SE							
8	11										
9	11										
10	11		By	SE							
11	11										
12	11										
1	11										
2	11										
3	11										
4	11		By	SE							
5	11										
6	11										
7	11										
8	11		By	SE							
9	11										
10	11										
11	11										
12	11										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. N.
					By Acct. Obs. Dble. Alt.	5.17	By Acct. Chron. Lunar,	20.10.5		Per Azimuth, " Amplitude,	
Miles distance per Log.					Diff. Lat.		Diff. Long.		Inches in the well.	Set of the current,	M.

10th Day

H.	K.	F.	COURSES.	WINDS.	LEE Way.	Barom.	Thermom. Air. Wet.	Sound.	Occurrences,	10th Day of Sept 1st.	1853
1	5		SE	SE	1/2	30.08					
2	5										
3	5										
4	5		SE			30.03					
5	5										
6	5										
7	5		SE								
8	5										
9	5		SE								
10	5										
11	5		SE								
12	5										
1	5		SE								
2	5										
3	5										
4	5		SE								
5	5										
6	5		SE								
7	5										
8	5										
9	5		SE								
10	5										
11	5										
12	5										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. N.
					By Acct. Obs. Dble. Alt.	5.20	By Acct. Chron. Lunar,	17.20.5		Per Azimuth, " Amplitude,	
Miles distance per Log.					Diff. Lat.		Diff. Long.		Inches in the well.	Set of the current,	M.

Back Star

from

to

Cape Cod Bay 7th DAY OF THE VOYAGE.

OF THE VOYAGE.											
H.	K.	F.	COURSES.	WINDS.	LEE Wat.	BAROM.	THERMOM. Air, / Wat.	SOUND- INGS.	OCCURRENCES.	18.	
1	5		ENE	ENE	12	30.00			Throughout the Day Light breeze & passing clouds freshened by the wind		
2	5										
3	5										
4	5										
5	5										
6	5										
7	5										
8	5										
9	5										
10	5										
11	5										
12	5										
1	4										
2	4										
3	4										
4	4										
5	4										
6	4										
7	4										
8	4										
9	4										
10	4										
11	4										
12	4										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Alt.	38	By Acct. Chron. Lunar,	60		Per Azimuth, " Amplitude.	
Miles distance per Log.			109	Diff. Lat.	29.	Diff. Lon.		Inches in the well.	Set of the current,		

H.	K.	F.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMOM. Air/Wat.	SOUND- ING.	OCCURRENCES.	Wind/Day
1	4		ENE	ENE	11	30.18	82			Throughout this Day the weather being squally Clouds (For 2 days we saw haze in the distance S.W. Wind to be very obvious as near the Cape Coast, but which we thrust well some distance itself into the Gulf)
2	4									
3	4									
4	4									
5	4									
6	4		ENE	ENE	11	30.18	82			During East 30. Miles.)
7	4									
8	4									
9	4									
10	4									
11	4		ENE	ENE	11	30.18	82			Indist Obs at 16.
12	4									
1	4									
2	4									
3	4									
4	4		ENE	ENE	11	30.18	82			
5	4									
6	4									
7	4									
8	4									
9	4		ENE	ENE	11	30.18	82			
10	4									
11	4									
12	4									
1	4									
2	4		ENE	ENE	11	30.18	82			
3	4									
4	4									
5	4									
6	4									
7	4		ENE	ENE	11	30.18	82			
8	4									
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COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.	
			By Acct. Obs. Dble. Alt.	33 59 35 27	By Acct. Chron. Lunar,	140 5 1/2 10 10 1/2	Per Azimuth, " Amplitude,	4 1/2 1/2
Miles distance per Log.			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current,	M.	

12. St. Louis from Salem to Cape Cod 43rd DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND-ING.	OCCURRENCES.	True Day of Sept 4 th	1878
1	4	4	Cont	SE		30.00	78				
2	4	4									
3	4	4									
4	4	4									
5	4	4									
6	4	4									
7	4	4	Wind	SE							
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4	4	4	Wind	SE							
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11	4	4									
12	4	4									

Throughout this Day steady breezes from SE with light clouds

Current S. E. 3.1 miles

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION.	P. M. A. M.
			By Acct. Obs. Dule. Alt.	3 57 19	By Acct. Chron. Lunar.	12 18 27	Per Azimuth.
						11 25 27	" Amplitude.
Miles distance per Log.			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current.	N.

1. The day was calm

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND-ING.	OCCURRENCES.	True Day of Sept 5 th	1878
1	4	4	Cont	SE		30.00	76				
2	4	4									
3	4	4									
4	4	4	Cont	SE							
5	4	4									
6	4	4									
7	4	4	Cont	SE							
8	4	4									
9	4	4									
10	4	4	Wind	SE							
11	4	4									
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4	4	4	Cont	SE							
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7	4	4									
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9	4	4									
10	4	4									
11	4	4									
12	4	4									

Throughout this Day light breeze & falling clouds.

At 10 P. M. started ship to Cape Cod

At 11 P. M. started ship to Cape Cod

At 12 P. M. started ship to Cape Cod

At 1 P. M. started ship to Cape Cod

At 2 P. M. started ship to Cape Cod

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION.	P. M. A. M.
			By Acct. Obs. Dule. Alt.	3 44 35	By Acct. Chron. Lunar.	11 27 27	Per Azimuth.
						10 37 27	" Amplitude.
Miles distance per Log.			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current.	N.

London " 18th Oct 1838. At 11 P.M., discovered the land
 ahead standing directly for us, in a boat. It can have
 made then out to be two. Two Jostels, & others, sailing in on
 each side. At 6 P.M. at 6.55, when about half a mile distant,
 they hoisted their colors, & at 7 P.M. their square sails
 & made preparations for leaving. The colors of the one
 on our weather bow made out to be a red flag, the one on
 the lee bow a Spanish flag.

At 8 P.M. the lee one being at within thirty yds. of us, when
 I enquired that Schooner is that? and the only reply which I could
 we could understand was to answer yes, & then we hoisted
 our red, main sail & look into boats & suffer all that we could
 for the mean time the other Schooner had come too, on an
 occasion too, and we then for the first time saw that she bore
 an olive, faded ensign, & began flying which we had to run for
 a piratical flag. She then hoisted us asking "Where are
 we from? Where bound? if we had any news?"

They reported her to be St. John's Schooner, the "Dorchester"
 with the whole in company to be a prize to her as a slave-
 ship. Long he gave 11.31 P.M. Ours at the time being 11.27 P.M.
 The Schooner's own latitude by L.R. being 2° 00' N from
 an observation the day before.

Previous to speaking, he had hoisted down his flying jib, &
 and lowered his Main Top sail, but finding that we outside
 him, he made sail again, while the two in company
 kept our sails shilling, & the three vessels stood off to
 us to West. West we told he hoisted his longitudes
 which he gave as above, when the Capt of the "Windsor"
 requested us to report him at the Cape, and the two
 ships off to the N Westward and at 8 P.M. the last
 sight of them.

18th DAY
 OF THE VOYAGE.
 Oct 18 1838

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 5.10 M
 5.05 M
 5.00 M
 4.55 M
 4.50 M
 4.45 M
 4.40 M
 4.35 M
 4.30 M
 4.25 M
 4.20 M
 4.15 M
 4.10 M
 4.05 M
 4.00 M
 3.55 M
 3.50 M
 3.45 M
 3.40 M
 3.35 M
 3.30 M
 3.25 M
 3.20 M
 3.15 M
 3.10 M
 3.05 M
 3.00 M
 2.55 M
 2.50 M
 2.45 M
 2.40 M
 2.35 M
 2.30 M
 2.25 M
 2.20 M
 2.15 M
 2.10 M
 2.05 M
 2.00 M
 1.55 M
 1.50 M
 1.45 M
 1.40 M
 1.35 M
 1.30 M
 1.25 M
 1.20 M
 1.15 M
 1.10 M
 1.05 M
 1.00 M
 9.55 M
 9.50 M
 9.45 M
 9.40 M
 9.35 M
 9.30 M
 9.25 M
 9.20 M
 9.15 M
 9.10 M
 9.05 M
 9.00 M
 8.55 M
 8.50 M
 8.45 M
 8.40 M
 8.35 M
 8.30 M
 8.25 M
 8.20 M
 8.15 M
 8.10 M
 8.05 M
 8.00 M
 7.55 M
 7.50 M
 7.45 M
 7.40 M
 7.35 M
 7.30 M
 7.25 M
 7.20 M
 7.15 M
 7.10 M
 7.05 M
 7.00 M
 6.55 M
 6.50 M
 6.45 M
 6.40 M
 6.35 M
 6.30 M
 6.25 M
 6.20 M
 6.15 M
 6.10 M
 6.05 M
 6.00 M
 5.55 M

H.	K.	F.	COURSES.	WINDS.
1	11	1	East	SE
2	11	1		
3	11	1		
4	11	1		
5	11	1		
6	11	1	West	SE
7	11	1		
8	11	1		
9	11	1		
10	11	1		
11	11	1		
12	11	1		
1	11	1		
2	11	1		
3	11	1		
4	11	1		
5	11	1	SE	
6	11	1		
7	11	1		
8	11	1	SE	
9	11	1		
10	11	1		
11	11	1		
12	11	1		

COURSE.	DIST.	DEPART.	By Acc. Obs. Dble.
Miles distance per Log.			Diff.

4. The *Cr. trispinosa*

	H.	K.	F.	COURSES.	WINDS.
1	4	6		Chapel	W. S.
2	4	8			
3	4	2			
4	4	2		Chapel	W. S.
5	4	2			
6	4	2			
7	4	2			
8	4	2		Chapel	W. S.
9	5				
10	5	4		Chapel	W. S.
11	5	4			
12	5	4			
1	5	4			
2	5	4			
3	5	4			
4	5	4		Chapel	W. S.
5	5	4			
6	5	4		Chapel	W. S.
7	5	4			
8	5	4			
9	5	4			
10	5	4		Chapel	W. S.
11	5	4			
12	5	4			

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VIATION	P. M. A. M.
		By Acct. Obs. Dble. Alt.	3 44 3 55	By Acct. Clear Lunar.	11 37 21 10 37 21	Per Azimuth, " Amplitude,	4 1/2
Miles distance per Log.			Dir. Lat.	Dir. Long.	Inches in the well.	Set of the current,	N.

(1) This old W. Mine hangs on with
little variation
now appears to be no current this day

12th Mar

from

to 6th Apr 1854 11th DAY OF THE VOYAGE.

IL	K.	P.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMO. Air, Wat.	SOUND- INGS.	OCCURRENCES, <i>Murder of 1st 6th</i>	15	
1	5		by E	by W	7	30.11					
2	6										
3	6										
4	5										
5	5										
6	5										
7	5		by E	by W							
8	5										
9	5										
10	5										
11	5										
12	5										
1	5										
2	5										
3	5										
4	5										
5	5										
6	5										
7	5										
8	5										
9	5										
10	5										
11	5										
12	5										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acet. Obs. Dble. Alt.	11.56.11	By Acet. Chron. Lunar.	11.56.11		Per Azimuth " Amplitude.	11.56.11
Miles distance per Log.			114	Diff. Lat.	54	Diff. Long.	19	Inches in the well.	Set of the current,	N.	

IL	K.	P.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMO. Air, Wat.	SOUND- INGS.	OCCURRENCES, <i>by 1st 12th</i>	15
1	6			by E	7	30.15				
2	6									
3	6									
4	6									
5	6									
6	6									
7	6									
8	6									
9	6									
10	6									
11	6									
12	6									
1	6									
2	6									
3	6									
4	6									
5	6									
6	6									
7	6									
8	6									
9	6									
10	6									
11	6									
12	6									
<p>Throughout this day the weather is pleasant & clear 3 or 4 days past the water has been rather discolored</p>										
<p>3.15 PM</p>										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION P. M. A. M.
					By Acet. Obs. Dble. Alt.	11.56.11	By Acet. Chron. Lunar.	11.56.11		Per Azimuth " Amplitude.
Miles distance per Log.			112	Diff. Lat.	49	Diff. Long.	138	Inches in the well.	Set of the current, 26 m.	

from

to

to Cape Cod Light 15th DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	Lee Way.	Barom.	Thermom. Air/Wat.	Sound- Ings.	OCCURRENCES.	1858
1	1		5.0	W		30.10				
2	1									
3	1		10.11							
4	1									
5	1									
6	1		11.0							
7	1									
8	1									
9	1		10.11							
10	1									
11	1									
12	1									
1	1		10.11							
2	1									
3	1									
4	1		10.11							
5	1									
6	1									
7	1									
8	1									
9	1									
10	1		10.11			30.00				
11	1									
12	1									
COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.			
38 th	140	18	By Acet. Obs. 10.11 Dble. Alt.	By Acet. Obs. 10.11 Dble. Alt.	10.11	Per Azimuth " Amplitude	10.11			
Miles distance per Log 130			Diff. Lat. 7.11	Diff. Long. 118	Inches in the well.	Set of the current, 13' N. 0.8				

H.	K.	F.	COURSES.	WINDS.	Lee Way.	Barom.	Thermom. Air/Wat.	Sound- Ings.	OCCURRENCES.	1858
1	6	1	W. by N.	W. by N.	14	30.00	77			Monday Sep 9th
2	1									
3	1									
4	1									
5	1									
6	1									
7	1		W. by S.	W. by S.						
8	1		S. by E.	S. by E.						
9	1									
10	1									
11	1									
12	1									
1	1		S. by W.	S. by W.						
2	1									
3	1									
4	1									
5	1									
6	1									
7	1									
8	1									
9	1									
10	1									
11	1									
12	1									
COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.			
38 th	129	66	By Acet. Obs. Alt.	31 st 22 nd	By Acet. Obs. Leaning.	1658 th	1658 th			
Miles distance per Log. 129			Diff. Lat. 110	Diff. Long. 66	Inches in the well.	Set of the current,	N.			

[illegible]

11.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMO. Air, Wat.	SOUND- INGS.	OCCURRENCES.
1	5	1							
2	11	1							
3	1	11							
4	1	1							
5	5	1							
6	5	4							
7	6	1							
8	6	1							
9	5	1							
10	5	1							
11	5	2							
12	5	2							
1	6	1							
2	6	1							
3	5	1							
4	5	1							
5	5	1							
6	5	1							
7	5	1							
8	5	1							
9	6	1							
10	6	1							
11	5	1							
12	5	1							

Published and sold by John W. Archer, Salem, Massachusetts.

from *London*

to Cape of Good Hope, 51st DAY OF THE VOYAGE.

[illegible]

206 / m. Salen

H.	K.	E.	COURSES.	WINDS.	1 st WAT.	CANON.	TERRESTRIAL ALT. WAT.	NO. SAILS.	OCCURRENCES.	Thursday Sept 15th	1850
1	1	1	SE 1/4 N	East			30.10				
2	1	1	SE 1/4 N				1				
3	1	1	SE 1/4 N								
4	1	1	SE 1/4 N								
5	1	1	SE 1/4 N								
6	1	1	SE 1/4 N				30.15				
7	1	1	SE 1/4 N								
8	1	1	SE 1/4 N								
9	1	1	SE 1/4 N								
10	1	1	SE 1/4 N								
11	1	1	SE 1/4 N								
12	1	1	SE 1/4 N								
1	1	1	SE 1/4 N								
2	1	1	SE 1/4 N								
3	1	1	SE 1/4 N								
4	1	1	SE 1/4 N								
5	1	1	SE 1/4 N								
6	1	1	SE 1/4 N								
7	1	1	SE 1/4 N								
8	1	1	SE 1/4 N				30.18				
9	1	1	SE 1/4 N								
10	1	1	SE 1/4 N								
11	1	1	SE 1/4 N								
12	1	1	SE 1/4 N				30.20				
<p><i>No more this day. No more Bombs with powder. (Chains all sent shot by the winds)</i></p>											
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION		P. M. A. M.
4, 12 N.	32	36.4	By Acct. Obs.	11 32 1/2	By Acct. Circum. Lunar.	19 57 1/2			Per Azimuth,		59 1/2
			Diff. Alt.			48 54 1/2			" Amplitudes,		
<p>Miles distance per Log. 182</p>											
			Diff. Lat.	17 1/2	Diff. Long.	3 1/2	Inches in the well.		Set of the current,		M.

DAY
OF THE VOYAGE

Throughout this day with fine
pleasant weather, all day long
the wind

[illegible]

[illegible]

16th Jan. 1891

H.	K.	F.	COURSES.	WINDS.	I.E. WAS.	BEECH. Jr. Wal.	THERMO. Jr. Wal.	SUNB. INC.	OCCURRENCES.
1	6		E. N. W.	E. C.					Mon day Sept 17 th 1858
2	6								
3	8								
4	6								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								
1	4								
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								

COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. N. S. M.
<i>N 1/2 E</i>	<i>120</i>	<i>4</i>	By Acct. of the Dble. Alt.	<i>22 14 45</i>	By Acct. of the Circ. Limb.	<i>21 24 1 West</i>		Per Azimuth, " Amplitude,	<i>10 2 1/2</i>
Miles distance per Log.			<i>120</i>	DIC. Lat.	<i>120'</i>	Diff. Long.	<i>6'</i>	Inches in the well.	Set of the current, n.

Trunk Sea from Salem to Cape Cod Pt. 5th DAY OF THE VOYAGE.

II.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES.		
1	4		South	ESE					Thursday Sept 15 th 1854		
2	4										
3	4										
4	4										
5	4										
6	4										
7	4										
8	4										
9	4		ESE	ESE					Commenced rain and in eve. H. 11		
10	4								Strong Gale with passing clouds.		
11	4								Occasional squalls of rain and a squall of rain.		
12	4		ESE						Morning clear, but squall of the day from N. by E. and from E. by S. all day.		
1	4								Very much rain & cold.		
2	4										
3	4										
4	4		South						Light rain & squalls from N. by E. and from E. by S. all day.		
5	4										
6	4										
7	4										
8	4		ESE	ESE							
9	4		ESE	ESE							
10	4										
11	4										
12	4										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
SW			96	7.	By Acct. 21° 50' N. Obs. 21° 50' N. Dele. Alt.		By Acct. 71° 32' W. Chron. Lunar.		21° 32' N. by		Per Azimuth 54° 41' " Amplitude 54° 41'
Miles distance per Log.					Diff. Lat.	96	Diff. Long.	8	Inches in the well.	Set of the current.	m.

II.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND-INGS.	OCCURRENCES.	Notes	Sept 17	1854
1	4	4	SE	ESE								
2	4	4										
3	4	4										
4	4	4	South	ESE								
5	4	4										
6	4	4										
7	4	4										
8	4	4										
9	4	4										
10	4	4										
11	4	4										
12	4	4										
1	4	4										
2	4	4										
3	4	4										
4	4	4										
5	4	4										
6	4	4										
7	4	4										
8	4	4										
9	4	4										
10	4	4										
11	4	4										
12	4	4										
COURSE. DIST. DEPART. LATITUDE. LONGITUDE. BEARING & DISTANCE. VARIATION P. M. A. M.												
SW			14	By Acct. 35° 47' N. Obs. 35° 47' N. Dele. Alt.	By Acct. 21° 47' W. Chron. Lunar.	21° 47' N		Per Azimuth 54° 41' " Amplitude 54° 41'		Miles		
Miles distance per Log. 120.					Diff. Lat. 110	Diff. Long. 15	Inches in the well.		Set of the current.		m.	

from *Spain* to *Cape Town*, 59th DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND-ING.	OCCURRENCES.	Time Day & Night	1835	
1	✓	✓	✓	✓	✓	✓	✓	✓				
2	✓	✓	✓	✓	✓	✓	✓	✓				
3	✓	✓	✓	✓	✓	✓	✓	✓				
4	✓	✓	✓	✓	✓	✓	✓	✓				
5	✓	✓	✓	✓	✓	✓	✓	✓				
6	✓	✓	✓	✓	✓	✓	✓	✓				
7	✓	✓	✓	✓	✓	✓	✓	✓				
8	✓	✓	✓	✓	✓	✓	✓	✓				
9	✓	✓	✓	✓	✓	✓	✓	✓				
10	✓	✓	✓	✓	✓	✓	✓	✓				
11	✓	✓	✓	✓	✓	✓	✓	✓				
12	✓	✓	✓	✓	✓	✓	✓	✓				
1	✓	✓	✓	✓	✓	✓	✓	✓				
2	✓	✓	✓	✓	✓	✓	✓	✓				
3	✓	✓	✓	✓	✓	✓	✓	✓				
4	✓	✓	✓	✓	✓	✓	✓	✓				
5	✓	✓	✓	✓	✓	✓	✓	✓				
6	✓	✓	✓	✓	✓	✓	✓	✓				
7	✓	✓	✓	✓	✓	✓	✓	✓				
8	✓	✓	✓	✓	✓	✓	✓	✓				
9	✓	✓	✓	✓	✓	✓	✓	✓				
10	✓	✓	✓	✓	✓	✓	✓	✓				
11	✓	✓	✓	✓	✓	✓	✓	✓				
12	✓	✓	✓	✓	✓	✓	✓	✓				
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
			W. 11	154	25.2	By Acct. Obs. Dble. Alt. 28.00		By Acct. Chron. Lunar, 22 50 11			Per Azimuth, 22 50 11	" Amplitude, 22 50 11
			Miles distance per Log. 154			Diff. Lat. 149		Diff. Long. 43		Inches in the well.	Set of the current, n.	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- ING.	OCCURRENCES.	Time Day & Night	1835	
1	✓	✓	W. 11	W. 11	60	30.4	69					
2	✓	✓										
3	✓	✓										
4	✓	✓										
5	✓	✓										
6	✓	✓										
7	✓	✓										
8	✓	✓										
9	✓	✓										
10	✓	✓										
11	✓	✓										
12	✓	✓										
1	✓	✓	W. 11	W. 11	60	30.4	69					
2	✓	✓										
3	✓	✓										
4	✓	✓										
5	✓	✓										
6	✓	✓										
7	✓	✓										
8	✓	✓										
9	✓	✓										
10	✓	✓										
11	✓	✓										
12	✓	✓										
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
			W. 11	120	31	By Acct. Obs. Dble. Alt. 30.05		By Acct. Chron. Lunar, 28 02		N. 50° E.	Per Azimuth, 0	" Amplitude, 0
			Miles distance per Log. 120			Diff. Lat. 1° 50'		Diff. Long. 22'		Inches in the well.	Set of the current, n.	

10 miles S.W.

from Captain

to Captain of the Ship, 11 DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wet.	SOUND- INGS.	OCCURRENCES.
1	1	1	W. S. S. W. 6			30.00	66		
2	1	1	W. S. S. W. 6						
3	1	1	W. S. S. W. 6						
4	1	1	W. S. S. W. 6						
5	1	1	W. S. S. W. 6						
6	1	1	W. S. S. W. 6						
7	1	1	W. S. S. W. 6						
8	1	1	W. S. S. W. 6						
9	1	1	W. S. S. W. 6						
10	1	1	W. S. S. W. 6						
11	1	1	W. S. S. W. 6						
12	1	1	W. S. S. W. 6						
1	1	1	W. S. S. W. 6						
2	1	1	W. S. S. W. 6						
3	1	1	W. S. S. W. 6						
4	1	1	W. S. S. W. 6						
5	1	1	W. S. S. W. 6						
6	1	1	W. S. S. W. 6						
7	1	1	W. S. S. W. 6						
8	1	1	W. S. S. W. 6						
9	1	1	W. S. S. W. 6						
10	1	1	W. S. S. W. 6						
11	1	1	W. S. S. W. 6						
12	1	1	W. S. S. W. 6						

Throughout this day & night we
 & Calcutta with pleasant weather.
 Drizzle & rain.
 Sept 13th P. M. 11th in night & storm
 11th dist 46 miles. Stormy weather
 by the wind. At 11th in the eve. 11th
 & 11th miles.
 Sept 14th from 11th in night & storm
 from 11th in night & storm. Dist 20 miles
 & at 11th in night & storm. At 11th in the eve.
 time since 11th Aug 1897. Day 11th
 Variation for Greenwich 7th 11th

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
South 11 th	0	By Acct. Obs. Dble. Alt.	30.00	By Acct. Chron. Lunar.	33.02 West	Per Azimuth Cor. Amplitude	7.09
Miles distance per Log.		Diff. Lat.	35	Diff. Long.	42	Inches in the well.	Set of the current.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wet.	SOUND- INGS.	OCCURRENCES.
1	1	1	W. S. S. W. 6			30.00	66		
2	1	1	W. S. S. W. 6						
3	1	1	W. S. S. W. 6						
4	1	1	W. S. S. W. 6						
5	1	1	W. S. S. W. 6						
6	1	1	W. S. S. W. 6						
7	1	1	W. S. S. W. 6						
8	1	1	W. S. S. W. 6						
9	1	1	W. S. S. W. 6						
10	1	1	W. S. S. W. 6						
11	1	1	W. S. S. W. 6						
12	1	1	W. S. S. W. 6						
1	1	1	W. S. S. W. 6						
2	1	1	W. S. S. W. 6						
3	1	1	W. S. S. W. 6						
4	1	1	W. S. S. W. 6						
5	1	1	W. S. S. W. 6						
6	1	1	W. S. S. W. 6						
7	1	1	W. S. S. W. 6						
8	1	1	W. S. S. W. 6						
9	1	1	W. S. S. W. 6						
10	1	1	W. S. S. W. 6						
11	1	1	W. S. S. W. 6						
12	1	1	W. S. S. W. 6						

Throughout this day & night we
 & Calcutta with pleasant weather.
 Drizzle & rain.
 Sept 13th P. M. 11th in night & storm
 11th dist 46 miles. Stormy weather
 by the wind. At 11th in the eve. 11th
 & 11th miles.
 Sept 14th from 11th in night & storm
 from 11th in night & storm. Dist 20 miles
 & at 11th in night & storm. At 11th in the eve.
 time since 11th Aug 1897. Day 11th
 Variation for Greenwich 7th 11th

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
South 11 th	0	By Acct. Obs. Dble. Alt.	30.00	By Acct. Chron. Lunar.	33.02 West	Per Azimuth Cor. Amplitude	7.09
Miles distance per Log.		Diff. Lat.	71	Diff. Long.	93	Inches in the well.	Set of the current.

from Palom to Cape Town 65th DAY OF THE VOYAGE.

H	K	F	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND.	OCCURRENCES.	Day of	1855
1			100	SE		30.1	60				
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

Through this Day from
Winds & cloudy weather
No Ob. at all during

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
100	200	15	33 12 28	150 1/2	142 1/2	8 30' W	
Miles distance per Log.			Diff. Lat. 81	Diff. Long. 2 59	Inches in the well.	Set of the current,	M.

H	K	F	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND.	OCCURRENCES.	Day of	1855
1			100	SE		30.1	60				
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

Through this Day from
Winds & cloudy weather
No Ob. at all during
Miles distance per Log.
Diff. Lat. 81
Diff. Long. 2 59
Inches in the well.
Set of the current, M.

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
100	171	109	32 14 22	142 1/2	142 1/2	8 30' W	
Miles distance per Log.			Diff. Lat. 85	Diff. Long. 3 21	Inches in the well.	Set of the current,	M.

1. From New from Salem

to Cape Town

2. DAY OF THE VOYAGE.

OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND- INGS.	OCCURRENCES.			
						inches.	Fath.					
1	11	4	E by S	11		30.30	64					
2	11	4										
3	11	4										
4	11	4										
5	11	4	E by S									
6	11	4										
7	11	4										
8	11	4	E by S									
9	11	4										
10	11	4										
11	11	4	E by S									
12	11	4										
1	11	4										
2	11	4										
3	11	4										
4	11	4										
5	11	4										
6	11	4										
7	11	4										
8	11	4										
9	11	4										
10	11	4										
11	11	4										
12	11	4				30.10	64					
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acet. Obs. Dble. Alt.	32.380	By Acet. Chron. Lunar.	1220	1220	Per Azimuth, " Amplitude.	11	
Miles distance per Log. 142					Diff. Lat.	9	Diff. Long.	2° 00'		Inches in the well.	Set of the current.	m.

Throughout the day
 Light Breeze & Cloud
 At 12 o'clock Breeze falling to 1/2
 " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " 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Throughout the day
Light Breeze & Cloudy
At 10 AM a like Breeze
increased & rain fell
The ship was at Sea 14.30
At that time 14.30

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND.	OCCURRENCES.			
						inches.	Fath.					
1	7	4	SE	14		30.10	64					
2	7	4										
3	7	4										
4	7	4										
5	7	4										
6	7	4										
7	7	4										
8	7	4										
9	7	4										
10	7	4										
11	8	4		North								
12	10	4										
1	10	4										
2	10	4										
3	10	4										
4	10	4										
5	10	4										
6	10	4										
7	10	4										
8	10	4										
9	10	4										
10	10	4										
11	10	4										
12	10	4										
Commences with had sun till 11 Fresh & breezes & cloudy Morning Squally. Sudden Storm Rogals & Foggy Sea (During the night we were grain to 18 knots with squalls & foggy Squally & foggy Sea!!) Terminates strong breezes with appearance of a gale from west Sails & Mizen. Cloudy & foggy Sea.												
COURSE.					DIST.	DEPART.	LATITUDE.		LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
						205.	By Acet. Obs. Dble. Alt.	33.1326	By Acet. Chron. Lunar.	2820	Per Azimuth, 11	
Miles distance per Log. 207					Diff. Lat.	40	Diff. Long.		4°	Inches in the well.	Set of the current,	m.

Commenced with had on till Morning
Fresh Breeze & Cloudy
Morning Squally. Sooty in steady
Breeze & Biting Sea
During the night we were going
10 knots with Breeze & Biting Sea
(Squally Breeze, Sept 11)
Terminated strong Breeze with
appearance of a Gale Sooty in Biting Sea
Breeze & Biting Sea
Cloudy Breeze & Biting Sea

1st Star

from (C) Allen

to Cape Town.

DAY
OF THE VOYAGE

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	Thermom. Air & Wat.	SECOND- INCHES.	OCCURRENCES.	Wind, & Direction.	1838	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. N. A. N.
121°			121°	26.6	By Acct. Obs. Alt.	33 1/2	By Acct. Chron. Lunar,	5 40'	121°		Per Azimuth " Amplitude.	121°
Miles distance per Log.				Diff. Lat.		Diff. Long.		Inches in the well.		Set of the current,		N.

6th Day Oct

[illegible]

1. 15 Nov

from *Simons* to

Cape of Good Hope 11th DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air. Wet.	SOUND. Fath.	OCCURRENCES.	1834																								
1	2	1	C. 16	N. 16		30.20	65		Commenced with Fresh Breezes																									
2	1								& cloudy weather																									
3	1								At 1 P.M. took 10 fathoms																									
4	1								At 1 P.M. took 10 fathoms																									
5	1								At 1 P.M. took 10 fathoms																									
6	1								At 1 P.M. took 10 fathoms																									
7	1								At 1 P.M. took 10 fathoms																									
8	1					30.17			At 1 P.M. took 10 fathoms																									
9	1								At 1 P.M. took 10 fathoms																									
10	1								At 1 P.M. took 10 fathoms																									
11	1								At 1 P.M. took 10 fathoms																									
12	1								At 1 P.M. took 10 fathoms																									
1	2	1							At 1 P.M. took 10 fathoms																									
2	1								At 1 P.M. took 10 fathoms																									
3	1								At 1 P.M. took 10 fathoms																									
4	1								At 1 P.M. took 10 fathoms																									
5	1								At 1 P.M. took 10 fathoms																									
6	1								At 1 P.M. took 10 fathoms																									
7	1					30.10			At 1 P.M. took 10 fathoms																									
8	1								At 1 P.M. took 10 fathoms																									
9	1								At 1 P.M. took 10 fathoms																									
10	1								At 1 P.M. took 10 fathoms																									
11	1								At 1 P.M. took 10 fathoms																									
12	1					30.10 65			At 1 P.M. took 10 fathoms																									
<table><tr><th>COURSE.</th><th>DIST.</th><th>DEPART.</th><th>LATITUDE.</th><th>LONGITUDE.</th><th>BEARING & DISTANCE.</th><th>VARIATION</th><th>P. M. A. M.</th></tr><tr><td>24 E</td><td>28.8</td><td>28</td><td>By Acct. 28° 20' 00" N. 10° 10' 00" W. Obs. 28° 20' 00" N. 10° 10' 00" W.</td><td>By Acct. 28° 20' 00" N. 10° 10' 00" W. Chron. 28° 20' 00" N. 10° 10' 00" W.</td><td></td><td>Per Azimuth, 2° 10' 00" Amplitude, 2° 10' 00"</td><td></td></tr><tr><td colspan="2">Miles distance per Log. 28.8</td><td colspan="2">Diff. Lat. 28.8</td><td colspan="2">Diff. Long. 1.35</td><td>Inches in the well.</td><td>Set of the current, N.</td></tr></table>											COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.	24 E	28.8	28	By Acct. 28° 20' 00" N. 10° 10' 00" W. Obs. 28° 20' 00" N. 10° 10' 00" W.	By Acct. 28° 20' 00" N. 10° 10' 00" W. Chron. 28° 20' 00" N. 10° 10' 00" W.		Per Azimuth, 2° 10' 00" Amplitude, 2° 10' 00"		Miles distance per Log. 28.8		Diff. Lat. 28.8		Diff. Long. 1.35		Inches in the well.	Set of the current, N.
COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.																											
24 E	28.8	28	By Acct. 28° 20' 00" N. 10° 10' 00" W. Obs. 28° 20' 00" N. 10° 10' 00" W.	By Acct. 28° 20' 00" N. 10° 10' 00" W. Chron. 28° 20' 00" N. 10° 10' 00" W.		Per Azimuth, 2° 10' 00" Amplitude, 2° 10' 00"																												
Miles distance per Log. 28.8		Diff. Lat. 28.8		Diff. Long. 1.35		Inches in the well.	Set of the current, N.																											

H.	K.	F.	COURSES.	WINDS.	Lee Way.	BAROM.	THERMOM.	SOUND.	OCCURRENCES.	Notes.	1834
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2										

From *Salem* to *4 1/2* *Days* DAY OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	DATE	18
1	1	1	By	SW		30.15	63		Commences with Breeze 11.00	18	
2	1	1							1.00 " " " " " "		
3	1	1							2.00 " " " " " "		
4	1	1							3.00 " " " " " "		
5	1	1							4.00 " " " " " "		
6	1	1							5.00 " " " " " "		
7	1	1							6.00 " " " " " "		
8	1	1							7.00 " " " " " "		
9	1	1							8.00 " " " " " "		
10	1	1							9.00 " " " " " "		
11	1	1							10.00 " " " " " "		
12	1	1							11.00 " " " " " "		
1	1	1							12.00 " " " " " "		
2	1	1							1.00 " " " " " "		
3	1	1							2.00 " " " " " "		
4	1	1							3.00 " " " " " "		
5	1	1							4.00 " " " " " "		
6	1	1							5.00 " " " " " "		
7	1	1							6.00 " " " " " "		
8	1	1							7.00 " " " " " "		
9	1	1							8.00 " " " " " "		
10	1	1							9.00 " " " " " "		
11	1	1							10.00 " " " " " "		
12	1	1							11.00 " " " " " "		
COURSE.			DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.		
By Acct.			135	134	By Acct.	33 23	14 22	By Acct.	205		
Obs. Alt.									Amplitude		
Miles distance per Log. 150					Diff. Lat.	3 1	Diff. Long.	2 42	Inches in the well.	Set of the current.	u.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	DATE	18
1	1	1	By	SW		30.15	62		Commences Moderate & appears	18	
2	1	1							1.00 " " " " " "		
3	1	1							2.00 " " " " " "		
4	1	1							3.00 " " " " " "		
5	1	1							4.00 " " " " " "		
6	1	1							5.00 " " " " " "		
7	1	1							6.00 " " " " " "		
8	1	1							7.00 " " " " " "		
9	1	1							8.00 " " " " " "		
10	1	1							9.00 " " " " " "		
11	1	1							10.00 " " " " " "		
12	1	1							11.00 " " " " " "		
1	1	1							12.00 " " " " " "		
2	1	1							1.00 " " " " " "		
3	1	1							2.00 " " " " " "		
4	1	1							3.00 " " " " " "		
5	1	1							4.00 " " " " " "		
6	1	1							5.00 " " " " " "		
7	1	1							6.00 " " " " " "		
8	1	1							7.00 " " " " " "		
9	1	1							8.00 " " " " " "		
10	1	1							9.00 " " " " " "		
11	1	1							10.00 " " " " " "		
12	1	1							11.00 " " " " " "		
COURSE.			DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.		
By Acct.			105	104	By Acct.	33 07	16 26	By Acct.	214		
Obs. Alt.									Amplitude		
Miles distance per Log. 112					Diff. Lat.	16	Diff. Long.	2 14	Inches in the well.	Set of the current.	u.

from *St. Louis* to *St. Louis* *75th* DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air/Wat.	SOUND- INGS.	OCCURRENCES.	Latitude of	Co.	16th	1828
1	1	1	E by S	4-56		30.40	62		Co. in deep water. Breeze calm	34° 15'	34° 15'	1828	
2	1	1							44° 15' Breeze calm. S by E 1/2 S	34° 15'	34° 15'	1828	
3	1	1							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
4	1	1							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
5	1	1							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
6	1	1	E by S						" S " " " " " " " " " "	34° 15'	34° 15'	1828	
7	1	1							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
8	1	1							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
9	1	1							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
10	1	1							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
11	1	1							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
12	1	1							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
1	1	1	E by S						While sailing, a Breeze fresh Lark under	34° 15'	34° 15'	1828	
2	1	1							Expire the Breeze, but the fairer time,	34° 15'	34° 15'	1828	
3	1	1							Sailed at 10:00 AM. The fairer time,	34° 15'	34° 15'	1828	
4	1	1							" 11:15 AM. The fairer time,	34° 15'	34° 15'	1828	
5	1	1							" 12:00 PM. The fairer time,	34° 15'	34° 15'	1828	
6	1	1							" 1:00 PM. The fairer time,	34° 15'	34° 15'	1828	
7	1	1							" 2:00 PM. The fairer time,	34° 15'	34° 15'	1828	
8	1	1							" 3:00 PM. The fairer time,	34° 15'	34° 15'	1828	
9	1	1							" 4:00 PM. The fairer time,	34° 15'	34° 15'	1828	
10	1	1							" 5:00 PM. The fairer time,	34° 15'	34° 15'	1828	
11	1	1							" 6:00 PM. The fairer time,	34° 15'	34° 15'	1828	
12	1	1							" 7:00 PM. The fairer time,	34° 15'	34° 15'	1828	
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.	BEARING & DISTANCE.	VIATION	P. M. A. M.		
						By Acet.	333 1/2	By Acet.	1622 E	per Azimuth			
						Obs.		Chron.		" Amplitude			
						Diff. Lat.	24'	Diff. Long.	4'	Inches in the well.	Set of the current.		
						Miles distance per Log.	116						

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND.	OCCURRENCES.	Latitude of	Co.	17th	1828
1	2	3	E by S	4-56		30.40	62		Commenced work just under 1/2 clear weather breeze and sea	34° 15'	34° 15'	1828	
2	3	4							44° 15' Breeze calm. S by E 1/2 S	34° 15'	34° 15'	1828	
3	4	5							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
4	5	6							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
5	6	7							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
6	7	8							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
7	8	9							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
8	9	10							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
9	10	11							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
10	11	12							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
11	12	1							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
12	1	2							" S " " " " " " " " " "	34° 15'	34° 15'	1828	
1	2	3							While sailing, a Breeze fresh Lark under	34° 15'	34° 15'	1828	
2	3	4							Expire the Breeze, but the fairer time,	34° 15'	34° 15'	1828	
3	4	5							Sailed at 10:00 AM. The fairer time,	34° 15'	34° 15'	1828	
4	5	6							" 11:15 AM. The fairer time,	34° 15'	34° 15'	1828	
5	6	7							" 12:00 PM. The fairer time,	34° 15'	34° 15'	1828	
6	7	8							" 1:00 PM. The fairer time,	34° 15'	34° 15'	1828	
7	8	9							" 2:00 PM. The fairer time,	34° 15'	34° 15'	1828	
8	9	10							" 3:00 PM. The fairer time,	34° 15'	34° 15'	1828	
9	10	11							" 4:00 PM. The fairer time,	34° 15'	34° 15'	1828	
10	11	12							" 5:00 PM. The fairer time,	34° 15'	34° 15'	1828	
11	12	1							" 6:00 PM. The fairer time,	34° 15'	34° 15'	1828	
12	1	2							" 7:00 PM. The fairer time,	34° 15'	34° 15'	1828	
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.	BEARING & DISTANCE.	VIATION	P. M. A. M.		
			152 E	49	49.	By Acet.	253 1/2	By Acet.	1730 E	per Azimuth			
						Obs.		Chron.		" Amplitude			
						Diff. Lat.	7'	Diff. Long.	55'	Inches in the well.	Set of the current.		
						Miles distance per Log.	115						

Wark Star

from Salem

to Cape Town

DAY
OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR (W. & L.)	SOUND- INGS.	OCCURRENCES.	Mondays Oct 8	18
1	6		SE 1/2 E	SE 1/2 E							
2	4		SE 1/2 E								
3	4		SE 1/2 E								
4	6										
5	4		SE 1/2 E	SE 1/2 E							
6	4		SE 1/2 E								
7	4		SE 1/2 E								
8	4		SE 1/2 E								
9	4		SE 1/2 E								
10	4		SE 1/2 E								
11	4		SE 1/2 E								
12	4		SE 1/2 E								
1	4		SE 1/2 E								
2	4		SE 1/2 E								
3	4		SE 1/2 E								
4	4		SE 1/2 E								
5	4		SE 1/2 E								
6	4		SE 1/2 E								
7	4		SE 1/2 E								
8	4		SE 1/2 E								
9	4		SE 1/2 E								
10	4		SE 1/2 E								
11	4		SE 1/2 E								
12	4		SE 1/2 E								

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.		By Acct. Chron. Lunar.	Per Azimuth, " Amplitude,	
Miles distance per Log.			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current,	M.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR (W. & L.)	SOUND- INGS.	OCCURRENCES.	Tuesdays Oct 9	18
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.		By Acct. Chron. Lunar.	Per Azimuth, " Amplitude,	
Miles distance per Log.			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current,	M.

from Chap. 1000 to Twelve

DAY
OF THE VOYAGE.

[illegible]

H.	K.	F.	COURSES.	WINDS.	LFE. WAY.	BAROM.	THERMOR.	SOUND.	OCCURRENCES.	Remarks or	1827
							Air Wat.	Fathoms.			
1	6	0	N. by E.	E. by N.							
2	6	0	N. by E.	E. by N.							
3	6	0	N. by E.	E. by N.							
4	6	0	N. by E.	E. by N.							
5	6	0	N. by E.	E. by N.							
6	6	0	N. by E.	E. by N.							
7	6	0	N. by E.	E. by N.							
8	6	0	N. by E.	E. by N.							
9	6	0	N. by E.	E. by N.							
10	6	0	N. by E.	E. by N.							
11	6	0	N. by E.	E. by N.							
12	6	0	N. by E.	E. by N.							
1	6	0	N. by E.	E. by N.							
2	6	0	N. by E.	E. by N.							
3	6	0	N. by E.	E. by N.							
4	6	0	N. by E.	E. by N.							
5	6	0	N. by E.	E. by N.							
6	6	0	N. by E.	E. by N.							
7	6	0	N. by E.	E. by N.							
8	6	0	N. by E.	E. by N.							
9	6	0	N. by E.	E. by N.							
10	6	0	N. by E.	E. by N.							
11	6	0	N. by E.	E. by N.							
12	6	0	N. by E.	E. by N.							

7/10/2 - Mon

from Cape Town to India

DAY
OF THE VOYAGE

OF THE VOYAGE											
H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	18	
1	6	4	St. E	St. E	1/2						
2	6	4									
3	7										
4	7		St. E	St. E	"						
5	7										
6	7										
7	7										
8	7		St. E	St. E	"						
9	7		St. E	St. E	"						
10	1/2	4	St. E	St. E	"						
11	2	4	St. E	St. E	"						
12	2	4	St. E	St. E	"						
1	6		St. E	St. E	"						
2	6										
3	6										
4	6		St. E	St. E	"						
5	6		St. E	St. E	"						
6	6	4									
7	7										
8	7										
9	7		South	St. E	"						
10	5	4									
11	5	4									
12	5	4									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	36° 30'	By Acct. Chron. Lunar,	19° 58'		Per Azimuth, " Amplitude,	20° North
Miles distance per Log.					Diff. Lat.	36'	Diff. Lon.	2° 03'	Inches in the well.	Set of the current,	26 M.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	18	
1	6		St. E	St. E	1/2	29.8					
2	6										
3	6										
4	6		St. E	St. E	"						
5	6										
6	6										
7	6										
8	6										
9	5	4									
10	5	4									
11	5	4									
12	5	4									
1	5	4									
2	5	4									
3	5	4									
4	5	4	St. E	St. E	"						
5	5	4	St. E	St. E	"						
6	5	4									
7	5	4									
8	5	4									
9	5	4	St. E	St. E	"						
10	5	4									
11	5	4									
12	5	4									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
30 E			13	65	By Acct. Obs. Dble. Alt.	38° 25'	By Acct. Chron. Lunar,	31° 23'		Per Azimuth, " Amplitude,	24° North
Miles distance per Log.			135		Diff. Lat.	1° 59'	Diff. Long.	1° 25'	Inches in the well.	Set of the current,	5 M.

Transit from Cape to India

DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LET. Way.	BAROM. At Sea.	THERMOM. Air & Water.	SOUND- INGS.	OCCURRENCES.	Wednesday Oct 30 th	1838
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

Throughout this Day. Fine
Breezes & pleasant weather
Let sail set to the best advantage

W. by N.

N. by W.

N. West

E. by S.

16 leagues 30 miles, N. by W.

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acet. Obs. & Alt.	By Acet. Chron. Lunar.		Per Azimuth " Amplitude	
			Diff. Lat. 46	Diff. Long. 5° 16'	Inches in the well.	Set of the current 30	

Miles distance per Log. 173

H.	K.	F.	COURSES.	WINDS.	LET. Way.	BAROM. At Sea.	THERMOM. Air & Water.	SOUND- INGS.	OCCURRENCES.	Thursday Oct 31 st	1838
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

Throughout this Day. Gentle Breezes
& pleasant weather.

S. by E.

S. by W.

Barical, E. by S. 60 miles

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acet. Obs. & Alt.	By Acet. Chron. Lunar.		Per Azimuth " Amplitude	
			Diff. Lat. 32	Diff. Long. 4° 21'	Inches in the well.	Set of the current 45	

Miles distance per Log. 152

Bank Star of Salem from Cape Town to Nazareth in Channel DAY 18

H. K. F.			COURSES.	WINDS.	LEE WAY.	BAROM.	Thermom.	SOUND-INGS.	OCCURRENCES	Thursday November 16, 18
						lack Part.	Air (Wat.)			
1	5	4	Elypt.	N. E.		30.08	75		Commences with light air pleasant weather.	
2	5	4								
3	5	4								
4	5	4								
5	5	4								
6	5	4								
7	5	4								
8	5	4								
9	5	4				30.12				
10	5	4								
11	5	4								
12	5	4								
1	2	1							Middle of light air pleasant weather with occasional passing clouds	
2	2	1								
3	2	1								
4	2	1								
5	2	1								
6	2	1								
7	2	1								
8	2	1								
9	2	1								
10	2	1								
11	2	1								
12	2	1								
1	2	1				30.18	76		Current N. 65 E. 16 miles	
2	2	1								
3	2	1								
4	2	1								
5	2	1								
6	2	1								
7	2	1								
8	2	1								
9	2	1								
10	2	1								
11	2	1								
12	2	1								
COURSE.			DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.	
N 70 E			84	1. 5. 3	By Acct. Obs. Dble. Alt. 30.24 30.22 30.20	By Acct. Chron. Lunar, 30.02 30.38		Per Azimuth, 29 1/2	" Amplitude, 29 1/2	
Miles distance per Log.					Diff. Lat. 29	Diff. Long. 1. 38	Inches in the well.	Set of the current 16 N. 65 E.		

26

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM. <small>(Bar. Fath.)</small>	THERMOM. <small>(Air, Wat.)</small>	SOUND- INGS.	OCCURRENCES, Friday, Day November 22, 1855
1			Calm			30.18	75		Commences Calm & Cloudy weather
2									
3									
4									
5									
6	3		No	SE					Middle part light & breeze, passing clouds
7	3								
8	4		No. 6						
9	6		SE	Ely					
10	6								
11	6								Scattered light & breeze, passing clouds
12	5								
1	1		SE	East					
2	1								
3	1								
4	3		Calm						Current West 17 miles
5	3								
6	3								
7	3		Calm						
8	3		SE	SE					
9	3								
10	3								
11	3								
12	3								

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
N. 5 East 59.	2.		By Acct. 30.02 Obs. Alt. 30.03	By Acct. 30.23 Chron. Lunar, 30.40		Per Azimuth, 23 1/2 " Amplitude, 23 1/2	
Miles distance per Log. 75			Diff. Lat. 39.	Diff. Long. 2	Inches in the well.	Set of the current, 17 M. West.	

and "Hainship" from Cape Town to India

9th DAY
OF THE VOYAGE

IL	K.	F.	COURSES	WINDS	LEE Way.	BAROM. in. Fahr.	THERMOM. Air, Wat.	SOUND- INGS	OCCURRENCES	18th	
1	11	11	E by S	N by E		30.07	74		Commence Light Breeze pleasant weather 1st & 2nd land strong S.W.		
2	11	11									
3	11	11									
4	11	11									
5	11	11									
6	11	11									
7	11	11				30.09					
8	11	11									
9	11	11									
10	11	11									
11	11	11									
12	11	11									
1	11	11									
2	11	11									
3	11	11									
4	11	11									
5	11	11									
6	11	11									
7	11	11									
8	11	11									
9	11	11									
10	11	11									
11	11	11									
12	11	11				30.22	72				
COURSE.			DIST.	DEPART.	LATITUDE		LONGITUDE		BEARING & DISTANCE.	VARIATION	P. M. A. M.
N 46 E 19 1/2			17.9		By Acet. Obs. Dile. Alt.	30.07 74	By Acet. Chron. Lunar.	30.09 74		Per Azimuth 19 1/2	Amplitude 19 1/2
Miles distance per Log. 17.9					Dile. Lat. 7.5		Dile. Long. 3.25		Inches in the well.	Set of the current, 3 1/2 m.	4.6

10th Day from Cape Town

IL	K.	F.	COURSES	WINDS	LEE Wag.	BAROM. in. Fate	THERMOM. Air, Wal.	SOUND- INGS	OCCURRENCES	18th	
1	✓		E by S	South		30.22 72					
2	✓										
3	✓										
4	✓										
5	✓										
6	✓		E by S								
7	✓										
8	✓										
9	✓										
10	✓					30.20					
11	✓										
12	✓										
1	✓										
2	✓										
3	✓										
4	✓										
5	✓										
6	✓										
7	✓										
8	✓										
9	✓										
10	✓										
11	✓										
12	✓					30.18 74					
COURSE.			DIST.	DEPART.	LATITUDE		LONGITUDE		BEARING & DISTANCE.	VARIATION	P. M. A. M.
N 24 E			12 1/2	49.7	By Acet. Obs. Dile. Alt.	30.22 72 32 1/2	By Acet. Chron. Lunar.	30.20 72 32 1/2		Per Azimuth, " Amplitude,	12 1/2 12 1/2
Miles distance per Log. 141					Dile. Lat.	1.50	Dile. Long.	69	Inches in the well.	Set of the current,	12 m. East

from Cape Town to India

11 DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	Monday, Dec 5th	18
1	6	4	SE by S	E by N	1/2	30.15	74				
2	6	4									
3	7										
4	6		SE by S								
5	6										
6	6										
7	7		E by E								
8	7										
9	6		SE by E	SE by E							
10	6										
11	5										
12	5										
1	5		E by S	SE by S							
2	5										
3	5										
4	5		E by S								
5	5										
6	5										
7	5										
8	5		E by S								
9	5										
10	5										
11	5										
12	5										

Throughout this Day Breeze fresh and pleasant weather with a few light squalls in the afternoon. 10 AM " Fresh breeze in the forenoon.

Variable in E by S. Sep 25. 1861

Current Set 11-12 miles

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
E by S E	132	126.6	By Acct. 133 16 1/2 Obs. 133 26 1/2	By Acct. 37 19 East Chron. 37 36		Per Azimuth, " Amplitude, 25 1/2 miles	
Miles distance per Log. 140			Diff. Lat. 58	Diff. Long. 2° 31'	Inches in the we'll.	Set of the current, 12 1/2 miles	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	Tuesday, Dec 6th	18
1	5		E by S	SE by S	1/2	30.05	74				
2	5										
3	5										
4	5		E by S								
5	5										
6	5										
7	5										
8	5										
9	5										
10	5		E by S	SE by E							
11	5										
12	5										
1	5		E by S	SE by S							
2	5										
3	5										
4	5										
5	5		E by S	SE by E							
6	5										
7	5										
8	5										
9	5		East	SE by E							
10	5										
11	5										
12	5										

Throughout this Day Fine weather and pleasant weather with a heavy head sea.

Current set 20 E. 15 miles

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
E by S E	114	110.7	By Acct. 132 44 Obs. 132 55 1/2	By Acct. 39 29 East Chron. 39 18		Per Azimuth, " Amplitude, 28° Heavy	
Miles distance per Log. 120			Diff. Lat. 28	Diff. Long. 2° 12'	Inches in the well.	Set of the current, 15 miles	

1. *Star of Salem* from Cape Sable to wards Matagorda 13th DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM.	SOUND.	INCOR.	OCCURRENCES.	1838		
1	1		By 1	N 4 E	1/2	30.05	74			Commenced fine breeze, blowing clouds with a heavy head sea Middle of latter part, light breeze variable winds with frequent showers of rain, rather cool.			
2	1												
3	1												
4	1												
5	11	11	E 1/2 E	Back									
6	11	11											
7	2	2	E 1/2 E		1/2								
8	2	2											
9	2	2											
10	2	2											
11	2	2											
12	2	2											
1	1		By 4	E 1/2 E	1/2	30.05	74			No Observation			
2	1												
3	1												
4	1												
5	1												
6	1												
7	1												
8	1												
9	1												
10	1												
11	1												
12	1												
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.	
					By Acet. 32.20	0.00	By Acet. 40.39	6	Per Azimuth, 28°		Westerly		
					Obs. 32.21	0.00	Baromet. 30.05	74	" Amplitude,				
Miles distance per Log.			51		Diff. Lat.	38	Diff. Long.	72	Inches in the well.		Set of the current,	N.	

14th Day

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM.	SOUND.	INCOR.	OCCURRENCES.	1838		
1	1		N. by E. 1/2 E	Strong	29.96	75				Commenced light breeze & raining again, wet & stormy #10 P.M. Fresh breeze in P.M. S.W. top sails, lower mast stays Middle part many clouds & torrents of rain in squalls #2 A.M. Took in Royals & Main top masts and sail & stuff top sail #4 A.M. Took in Main top sail & stuff & top masts & sail #6 P.M. Took in Main top sail & stuff & top masts & sail #8 P.M. Took in Main top sail & stuff & top masts & sail #10 P.M. Took in Main top sail & stuff & top masts & sail #12 P.M. Took in Main top sail & stuff & top masts & sail No rain			
2	1		N. by E. 1/2 E										
3	1		N. by E. 1/2 E										
4	1		N. by E. 1/2 E										
5	1		N. by E. 1/2 E										
6	1		N. by E. 1/2 E										
7	1		N. by E. 1/2 E										
8	1		N. by E. 1/2 E										
9	1		N. by E. 1/2 E										
10	1		N. by E. 1/2 E										
11	1		N. by E. 1/2 E										
12	1		N. by E. 1/2 E										
1	1		N. by E. 1/2 E	Strong	30.05	75				No Observation			
2	1		N. by E. 1/2 E										
3	1		N. by E. 1/2 E										
4	1		N. by E. 1/2 E										
5	1		N. by E. 1/2 E										
6	1		N. by E. 1/2 E										
7	1		N. by E. 1/2 E										
8	1		N. by E. 1/2 E										
9	1		N. by E. 1/2 E										
10	1		N. by E. 1/2 E										
11	1		N. by E. 1/2 E										
12	1		N. by E. 1/2 E										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.	
			9.9		By Acet. 29.04	30	By Acet. 40.39	6	Per Azimuth, 26°		Westerly		
					Obs. 29.04	30	Baromet. 30.05	75	" Amplitude,				
Miles distance per Log.			200		Diff. Lat.	3.° 16'	Diff. Long.	12'	Inches in the well.		Set of the current,	N.	

From New Spain. from Cape Town towards Madagascar. 10 DAY OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	Friday Nov 9th	13
1	10		Ny E	North		30.05	77				
2	10		Ny E	N E							
3	10		Ny E	N E							
4	10		Ny E	N E							
5	10		Ny E	N E							
6	10		Ny E	N E							
7	8	4	Ny E	S E		30.08					
8	8	4	Ny E	S E							
9	8	4	Ny E	S E							
10	8	4	Ny E	S E							
11	8	4	Ny E	S E							
12	8	4	Ny E	S E							
1	7	4	Ny E	S E							
2	7	4	Ny E	S E							
3	7	4	Ny E	S E							
4	7	4	Ny E	S E							
5	7	4	Ny E	S E							
6	7	4	Ny E	S E							
7	7	4	Ny E	S E							
8	7	4	Ny E	S E							
9	7	4	Ny E	S E							
10	7	4	Ny E	S E							
11	7	4	Ny E	S E							
12	7	4	Ny E	S E							

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.				
			By Acet. Obs. Dble. Alt.	29° 53' 11"	By Acet. Chron. Lunar.	20 22" 20 21"	Course, Cloud	Per Azimuth, " Amplitude,	25°	Westerly	
Miles distance per Log.			192	Diff. Lat.	2° 53'	Diff. Lon.	1° 19'	Inches in the well.	Set of the current,	39	160

IL	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	Saturday Nov 10th	14
1	7	4	Ny E	S E		29.56	76				
2	7	4	Ny E	S E							
3	7	4	Ny E	S E							
4	7	4	Ny E	S E							
5	7	4	Ny E	S E							
6	7	4	Ny E	S E							
7	7	4	Ny E	S E							
8	7	4	Ny E	S E							
9	7	4	Ny E	S E							
10	7	4	Ny E	S E							
11	7	4	Ny E	S E							
12	7	4	Ny E	S E							
1	7	4	Ny E	S E							
2	7	4	Ny E	S E							
3	7	4	Ny E	S E							
4	7	4	Ny E	S E							
5	7	4	Ny E	S E							
6	7	4	Ny E	S E							
7	7	4	Ny E	S E							
8	7	4	Ny E	S E							
9	7	4	Ny E	S E							
10	7	4	Ny E	S E							
11	7	4	Ny E	S E							
12	7	4	Ny E	S E							

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acet. Obs. Dble. Alt.	29° 53' 11"	By Acet. Chron. Lunar.	20 22"	20 21"
Miles distance per Log. 136			Diff. Lat. 2° 53'	Diff. Long. 11' 20"	Inches in the well.	Set of the current, 39	160

W. Archer

from Cape Town to Majunga

9th DAY
OF THE VOYAGE.

OF THE VOYAGE.											
H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND Fms.	OCCURRENCES, <i>Friday Day of November 13th</i>	IS.	
1	7	4	N 66	W 1/2 N		30.00	54				
2	7	11									
3	8										
4	8										
5	8										
6	11										
7	8	4	N 46	N 5 W							
8	8	4									
9	8										
10	7	4									
11	7	4									
12	7	11									
1	8										
2	8										
3	8										
4	7										
5	7										
6	7										
7	6	4									
8	7	4	N 60	S 1/2 W							
9	7	4									
10	5	4				30.00					
11	5	4									
12	5	4				30.00					
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
N 110			183	34'	By Acct. Obs. Dble. Alt.	17 54 17 50 17 54	By Acct. Circ. Lunar.	11 32 11 32 11 32	6 1/2 miles 6 1/2 miles 6 1/2 miles	Per Azimuth " Amplitude " Augmentation	19 17
Miles distance per Log. 175					Diff. Lat.	3° 0'	Diff. Long.	56'	Inches in the well.	Set of the current.	27 st. E 1/2 S.

Throughout this Day Gale & Breeze
pleasant weather sail set to steam

1.1. gave the Current to be 6 1/2 miles
this day
The tide being about 90° our Meridian line
may be a few miles out of the way

H.	K.	F.	COURSES	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES,	20 Wednesday Nov 14 th 1833		
1	6		S East	S W		30.00	50					
2	6											
3	6											
4	6											
5	6		S by E	S W								
6	6											
7	6		S E									
8	6	1										
9	6	4	N by E									
10	7	11										
11	7	11										
12	8	11	S E									
1	6		S East									
2	6	11	N by E									
3	6	4										
4	6											
5	6											
6	6											
7	6		E by N									
8	6	4										
9	6	4	East									
10	6	4	E by S									
11	6	4										
12	6	4										
										Throughout This Day Gentle & pleasant weather		
										Current N 46 E. 15 miles		
										30.00 50		
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION P. M. A. M.		
1346			156	56'	By Acct. Obs. Dble. Alt.	15 59 15 54 15 56	By Acct. Circ. Lunar.	12 48 12 48 12 48	Majunga East 14 1/2 miles	Per Azimuth " Amplitude	17 15	
Miles distance per Log. 156					Diff. Lat.	2° 09'		Diff. Long.	1° 30'		Inches in the well.	Set of the current, 15 st. E 1/2 S.

Throughout this Day Gale & Breeze
pleasant weather

Current N 66 E 18 miles

unlabeled from Cape San towards Mojanga 1857 DAY OF THE VOYAGE

II.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR/WAT.	SOUND.	OCCURRENCES.	Thursday Day 15 th	1857
1			SE	SW		30.00	74		Commenced with Light Breeze		
2									pleasant weather		
3									At 10.30. Squalls, on which we ran the first		
4									Course. Weather now took on being fair		
5									At 1.45. Breeze increased in force & rain		
6									At 2.00. Breeze increased in force & rain		
7									At 2.30. Breeze increased in force & rain		
8									under topsails & mizen. The thousand		
9									birds came off very many from last		
10									At 4.00. Breeze increased in force & rain		
11									At 5.00. Breeze increased in force & rain		
12									At 6.00. Breeze increased in force & rain		
1			SE	SW					At 6.30. Breeze increased in force & rain		
2									At 7.00. Breeze increased in force & rain		
3									At 7.30. Breeze increased in force & rain		
4									At 8.00. Breeze increased in force & rain		
5									At 8.30. Breeze increased in force & rain		
6									At 9.00. Breeze increased in force & rain		
7									At 9.30. Breeze increased in force & rain		
8									At 10.00. Breeze increased in force & rain		
9									At 10.30. Breeze increased in force & rain		
10									At 11.00. Breeze increased in force & rain		
11									At 11.30. Breeze increased in force & rain		
12									At 12.00. Breeze increased in force & rain		

II.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR/WAT.	SOUND.	OCCURRENCES.	Friday Day 16 th	1857
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION.	P. M. A. N.
			By Acct. Obs. Dole. Alt.		By Acct. Chron. Lunar.		Per Azimuth, " Amplitude,
Miles distance per Log.			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current,	n.

1. *from Salem from Matagosa* towards the *Comore Islands* 3rd DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR.	WAT.	SOUND-ING.	OCCURRENCES.
1	4		Calms	NW						
2	4		West	NW						
3	4									
4	4		N.E.	NW						
5	4									
6	4									
7	4									
8	4									
9	4		W. by N.							
10	4									
11	4									
12	4									
1	4		Calms							
2	4									
3	4									
4	4		N.W. by E							
5	4									
6	4									
7	4									
8	4									
9	4		N.W. by E							
10	4									
11	4									
12	4									
					By Acct. Obs. Dub. Alt.	13286	By Acct. Chron. Lunar,	45416	Per Azimuth, 166°	
					Miles distance per Log.		Diff. Lat. 35	Diff. Long. 49	Inches in the well.	Set of the current, N.

Throughout this Day Light
fair, Calms & baffling weather,
with passing clouds

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR.	WAT.	SOUND-ING.	OCCURRENCES.
1	3		N.W.	N.E.						
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									
8	3									
9	3									
10	3		Calms							
11	3									
12	3									
1	3									
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									
8	3									
9	3									
10	3									
11	3									
12	3									
					By Acct. Obs. Dub. Alt.	130936	By Acct. Chron. Lunar,		Per Azimuth, 179°	
					Miles distance per Log.		Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current, N.

Commences Fair & pleasant
weather. At 3.30 P.M. sight the Island
of Matagosa bearing NW 3/4 N. 30 miles.
At 4.00 P.M. sight the Cape of Good Hope
bearing NW 3/4 N. 30 miles.
At 6.00 P.M. sight the Cape of Good Hope
bearing NW 3/4 N. 30 miles.
At 8.00 P.M. sight the Cape of Good Hope
bearing NW 3/4 N. 30 miles.
At 10.00 P.M. sight the Cape of Good Hope
bearing NW 3/4 N. 30 miles.
At 12.00 P.M. sight the Cape of Good Hope
bearing NW 3/4 N. 30 miles.
At 2.00 P.M. sight the Cape of Good Hope
bearing NW 3/4 N. 30 miles.
At 4.00 P.M. sight the Cape of Good Hope
bearing NW 3/4 N. 30 miles.
At 6.00 P.M. sight the Cape of Good Hope
bearing NW 3/4 N. 30 miles.
At 8.00 P.M. sight the Cape of Good Hope
bearing NW 3/4 N. 30 miles.
At 10.00 P.M. sight the Cape of Good Hope
bearing NW 3/4 N. 30 miles.
At 12.00 P.M. sight the Cape of Good Hope
bearing NW 3/4 N. 30 miles.

Track Star from Salem from Majunga to Louisian

DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	Monday Day of Nov 26 th	18 2			
						<small>(Inch. Fath.)</small>								
1	1		ESSE	SE		30.10	34			Companies Light Sea and pleasant weather				
2	1													
3	1													
4	2		N 1/2 W							At 3.30 P.M. The Light Sea -				
5	3	4	N 1/2 W							bow 1/4 mile. To the light sea				
6	4		N 1/2 W							At 7.45 P.M. - Light Sea -				
7	4		N 1/2 W							At 8.5 P.M. - Light Sea -				
8	4		N 1/2 W							At 20 miles from the light sea				
9	4		ESSE	SE						At 8.30 P.M. to the light sea				
10	4		ESSE							At 12 midnight Light Sea -				
11	4									Light Sea - pleasant weather				
12	4													
1	4		N 1/2 W							Terminates the same				
2	4									Mayday - Light Sea -				
3	4									At 10.30 P.M. - Light Sea -				
4	4									At 11.30 P.M. - Light Sea -				
5	5													
6	5													
7	5													
8	5													
9	5		N 1/2 W	SE		30.10								
10	6													
11	5					30.06	35							
12	5													
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.			BEARING & DISTANCE.	VARIATION	P. M. A. M.	
					By Acct. Obs. Dole. Alt.	12	15	36	By Acct. Chron. Lunar.	45	15	East	Per Azimuth, " Amplitude,	15° West
Miles distance per Log.					Diff. Lat.	34	Diff. Lon.			Inches in the well.			Set of the current,	3.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-	OCCURRENCES,	Tuesday Day of Nov 27 th	1878		
1	5		North	SE		30.06							
2	5												
3	5												
4	5		N 1/2 W							Throughout This Day Light Sea and pleasant weather			
5	5									At 2. P.M. Light Sea -			
6	5		N 1/2 W							At 3. P.M. Light Sea -			
7	5									At 4. P.M. Light Sea -			
8	5									At 5. P.M. Light Sea -			
9	5									At 6. P.M. Light Sea -			
10	5									At 7. P.M. Light Sea -			
11	5									At 8. P.M. Light Sea -			
12	5									At 9. P.M. Light Sea -			
1	3												
2	3												
3	2												
4	2												
5	2		N 1/2 W										
6	2		N 1/2 W										
7	3												
8	3												
9	4		N 1/2 W										
10	4												
11	4												
12	4					30.10	36						
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.			BEARING & DISTANCE.	VARIATION	P. M. A. M.
N 36 W 126			73.6	By Acct. Obs. Dole. Alt.	20 33 36	By Acct. Chron. Lunar,	20 33 6	S 65 W 65 miles			Per Azimuth, " Amplitude,	23° West	
Miles distance per Log. 100					Diff. Lat. 102	Diff. Long. 78			Inches in the well.			Set of the current, 40°	West

from *Phalm* from *Majunga* towards *Zanzibar* 7th DAY OF THE VOYAGE.

H. K. F.			COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air/Wat.	SOUND- INGS.	OCCURRENCES.	1858	
1	2	2				30.10	55				
2	2	2									
3	1	1									
4	1	1									
5	1	1									
6	1	1									
7	1	1									
8	1	1									
9	1	1									
10	3	4	N 1/2 W								
11	3	4									
12	3	4	N 1/2 W	N 1/2 E							
1	1	1									
2	1	1									
3	1	1									
4	1	1									
5	1	1									
6	1	1									
7	1	1									
8	1	1									
9	1	1									
10	1	1									
11	1	1									
12	1	1									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
155 W 96			55	By Acet. Obs. Dble. Alt.	9 25		By Acet. Chron. Lunar.		23 56	Per Azimuth, " Amplitude,	1/2 N. 1/2 S. 1/2 E.
Miles distance per Log.			79	Diff. Lat.	18		Diff. Long.	50	Inches in the well.	Set of the current	22 m. 1/2 N. 1/2 E.

Throughout This Day Light Air and pleasant weather. At 8 P.M. saw the Island of Comoro bearing S 1/2 W 1/2 N 1/2 E.

Current N 63 W 22 m.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	1858	
1	2	2	N 1/2 W	N. E	in the Fair	30.03			Thunder & Nov 29th		
2	2	2							Thunder & lightning		
3	2	2									
4	1	1									
5	1	1									
6	1	1	N. W	N. East					Throughout this Day Light Air		
7	1	1	North	East					and clear so other		
8	1	1									
9	3	4									
10	3	4									
11	3	4									
12	3	4									
1	3	4									
2	3	4									
3	3	4									
4	3	4									
5	3	4									
6	3	4									
7	3	4									
8	3	4	N 1/2 W	N. East							
9	3	4									
10	3	4									
11	3	4									
12	3	4				30.08			Little or no Current this Day		
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acet. Obs. Dble. Alt.	5 16	By Acet. Chron. Lunar.	23 20		Per Azimuth,	
								4220	64	" Amplitude,	14 1/2
Miles distance per Log.				Diff. Lat.			Diff. Long.	Inches in the well.		Set of the current,	m.

Throughout This Day Light Air and clear weather.

Still no Current This Day

Bar. Sea off Salem from Majunga towards Lanzibar

9th DAY
OF THE VOYAGE.

H.	K.	P.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	Friday, Nov. 30 th	IS. 3 rd
1	2		NW by N	N by E		30.08	58°				
2	1										
3	1										
4	2		NW by N	N by E							
5	2	1/4									
6	2	1/2	NW by N								
7	3										
8	4										
9	5		NW by N	N by E							
10	5										
11	5										
12	5										
1	5										
2	5										
3	5										
4	3										
5	5										
6	5										
7	5										
8	5		NW	N by E							
9	4										
10	2	4									
11	2	4									
12	2	4				30.10	58°				
Course.			Dist.	Depart.	Latitude.	Longitude.	Bearing & Distance.	Variation	P. M. A. M.		
N 55 W			90	73.5	By Acct. 7° 24' 30"	By Acct. 11° 24' 30"		Per Azimuth, 138°	Westward		
					Obs. Alt.	Chron. Long.		" Amplitude,			
Miles distance per Log.			59	Diff. Lat.	52	Diff. Long.	1° 15'	Inches in the well.	Set of the current, 21	6 1/4	N 1/4 E

Throughout the Day Light & Weather
most pleasant & weather.

(Current S. by W 21 miles)

H.	K.	P.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	Saturday, Dec. 1 st	IS. 3 rd
1	2		NW by N	North			58°				
2	2										
3	1										
4	1	1/4									
5	1	1/4									
6	2		NW by N	N by E							
7	3										
8	4		NW by N	N by E							
9	5										
10	5										
11	5	4									
12	5	4									
1	4		NW by N	N by E							
2	4										
3	4										
4	4		NW by N	N by E							
5	4										
6	5		NW by N	N by E							
7	5										
8	6		NW by N	N by E							
9	4										
10	4		NW by N	N by E							
11	4										
12	4										
Course.			Dist.	Depart.	Latitude.	Longitude.	Bearing & Distance.	Variation	P. M. A. M.		
					By Acct. 6° 15' 30"	By Acct. 11° 24' 30"		Per Azimuth,			
					Obs. Alt.	Chron. Long.		" Amplitude,			
Miles distance per Log.				Diff. Lat.		Diff. Long.		Inches in the well.	Set of the current,	M.	

Throughout this Day Light & Weather
most pleasant & set to Sea N. by E
Shudding Sail.

At 8 P.M. saw the Island of Lanzibar
leaving the N. by E. compass West & S. by E
in Stead Sails and haced up shape
to go to the North of it

At 10 P.M. finding the Current setting
against us bore up for the Southern
Point of Lanzibar

At 11 P.M. came to anchor above
Christmas Island

Barb Star

from Lousian to Bombay

DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air. Wet.	SOUND- INGS.	OCCURRENCES, Monday Day <i>Feb 4th</i>	1837
1						in. Part.			At 3 P. M. Cal. under weigh	
2									with a fresh breeze from E. N. E.	
3									Shed from Lardisburgh on board	
4	6		<i>South</i>						At 4 P. M. Passed Cherson	
5	7								At 6 " " " " " " " "	
6	8		<i>SE by E</i>	<i>E. N. E.</i>					" 6 " " " " " " " "	
7	5								" 6 " " " " " " " "	
8	5		<i>SE by E</i>	<i>N. E. by E</i>					and at Point Lardisburgh East	
9	5									
10	5								<i>Misses Lardisburgh Part. Staff</i>	
11	5								<i>Birds and pleasant weather</i>	
12	5								<i>with a heavy head sea</i>	
1	5		<i>SE by E 3/4 E</i>						<i>Took in Royal, and Flying Fish</i>	
2	5									
3	5		<i>SE</i>	<i>N. E.</i>						
4	5		<i>E 1/2 S</i>	<i>N. E.</i>						
5	5									
6	5									
7	5									
8	5		<i>East</i>							
9	5									
10	5									
11	5									
12	5									

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acet. Obs. Dole. Alt.	643.6 By Acet. Chron. Lunar,	4037.6	Per Azimuth, " Amplitude,	11.10.1
Miles distance per Log.			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current,	N.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air. Wet.	SOUND- INGS.	OCCURRENCES, Tuesday Day <i>Feb 5th</i>	1837
1	5		<i>E. N. E.</i>	<i>N. E. by E</i>		in. Part.				
2	5									
3	5									
4	5									
5	5									
6	5		<i>E 1/2 S</i>							
7	5									
8	5		<i>E 1/2 S</i>	<i>N. E. by N</i>						
9	5									
10	5									
11	5									
12	5		<i>E 1/2 S 1/2 E</i>							
1	5		<i>N. E. by E</i>	<i>E. N. by E</i>						
2	5									
3	5									
4	5									
5	5									
6	5									
7	5									
8	5									
9	5		<i>E 1/2 S</i>							
10	5									
11	5		<i>N. E.</i>	<i>N. N. E.</i>						
12	5									

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acet. Obs. Dole. Alt.	552.5 By Acet. Chron. Lunar,	4112.6	Per Azimuth, " Amplitude,	11.10.1
Miles distance per Log.			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current,	N.

Ward Sea

from London to Bombay

DAY
OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	Date	1829					
1	1	1	NW by W	SE					Throughout this Day Light Breezes and pleasant weather all sail set by the wind	Feb 6th						
2	1	1														
3	1	1														
4	3	3	E by E													
5	3	3	E by N													
6	3	3														
7	2	4	E by N													
8	2	4														
9	3	3	E by S													
10	3	3	W by S													
11	4	4														
12	4	4														
1	5	5	SE													
2	5	5														
3	5	5														
4	5	5														
5	1	1	W by S													
6	1	1														
7	1	1														
8	3	3														
9	3	3	NW by W													
10	3	3														
11	4	4	NW by W													
12	4	4					52.5									
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. & M.					
					By Acct. Obs. Dble. Alt.	44	25	By Acct. Chron. Lunar,	104	38	E	Per Azimuth " Amplitude,	11	14	1/2	1/2
Miles distance per Log.					Diff. Lat.	70		Diff. Lon.		Inches in the well.		Set of the current,				

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air./Wat.	SOUND- INGS.	OCCURRENCES.	1829						
1	3	5	NW by W	SE					Throughout this Day Fine Breezes, and pleasant							
2	3	5														
3	3	5														
4	3	5	NW by W	SE												
5	3	5	NW by W	SE												
6	3	5														
7	3	4	N by E	E by E												
8	3	4														
9	3	4	NW by E	SE												
10	3	4														
11	3	4														
12	3	5	NW by E	SE												
1	2	5														
2	3	4														
3	4	4	SE by E	E by E												
4	4	4														
5	4	4														
6	4	4														
7	4	4														
8	4	4														
9	5	5	E by S													
10	5	4														
11	4	4														
12	4	4														
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. & M.					
					By Acct. Obs. Dble. Alt.	3	32	By Acct. Chron. Lunar,	41	15	E	Per Azimuth " Amplitude,	11	14	1/2	1/2
Miles distance per Log.					Diff. Lat.	70		Diff. Long.	27	Inches in the well.		Set of the current,				

from *Amherst* to *Dorchester*

5th DAY
OF THE VOYAGE.

H.	K.	P.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air/Wat.	SECUR- ING.	OCCURRENCES.	Friday Day Feb 8 th	1839
1	3		Ely	NW	72						
2	3										
3	4										
4	4		SE								
5	3										
6	5		NW & E								
7	4										
8	5		NW								
9	5										
10	6										
11	6										
12	6										
1	5	4	NW & E	Ely							
2	5	4									
3	5	5									
4	4	5									
5	4	4	North	E. & E							
6	4	4									
7	4	4									
8	4	4									
9	4	4									
10	3	4									
11	4	3									
12	3										
Throughout this Day Gentle Breezes and pleasant weather											
Current South 25 miles											
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Delic. Alt.	25056	By Acct. Chron. Lunar.	42056		Per Azimuth, 34°	
			Miles distance per Log.		Diff. Lat.	42	Diff. Long.	50	Inches in the well.	Set of the current 25 m. East	

H.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR. WAT.	SOUND- INGS.	OCCURRENCES.	Saturday Feb 9 th	1839
1	3		NW & E	Ely							
2	3										
3	4										
4	4										
5	2		NW	Ely							
6	3		SE	SE							
7	4										
8	4										
9	4										
10	4		NW								
11	4										
12	4										
1	3		NW								
2	4										
3	4										
4	4		NW	East							
5	4										
6	4		North	E & E							
7	4										
8	3										
9	3										
10	3										
11	3										
12	3										
Throughout this Day Light Breezes and pleasant!											
Current South 44 miles!											
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Delic. Alt.	217	By Acct. Chron. Lunar.	42226	East	Per Azimuth, 74°	
			Miles distance per Log.		Diff. Lat.	33	Diff. Long.	17	Inches in the well.	Set of the current 44 m. South.	

Wain Har

from Lewisbar to Bembay

DAY
OF THE VOYAGE.

II.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMO. AIR, WAT.	SOUND- INGS.	OCCURRENCES.	Monday Feb 10th 1839
1	3	4	East	1646	72					
2	4									
3	3	4	SE							
4	2									
5	3		East SE							
6	4									
7	3	4	SE 3/4 E							
8	3	4								
9	4	4	SE 1/2 S							
10	4	4								
11	3									
12	3									
1	2	4	SE 1/2 E							
2	2									
3	3	4								
4	3									
5	2	4	SE East							
6	2	4								
7	2									
8	2	4	SE 1/2 S							
9	2	4								
10	2									
11	2		SE							
12	2									
COURSE.			DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.	
					By Acct. Obs. Dble. Alt.	330 1/2	By Acct. Chron. Lunar.	4322 East	Per Azimuth " Amplitude.	7 West
Miles distance per Log.				Diff. Lat.		Diff. Long.	Inches in the well.	Set of the current.		

Throughout This Day Light
Breezes and pleasant weather.

Current 112 E 39 miles.

II.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMO. AIR, WAT.	SOUND- INGS.	OCCURRENCES.	Tuesday Feb 11th 1839
1	2		East	1146 1/2						
2	3									
3	2									
4	2									
5	3		SE							
6	3									
7	4	11	SE 1/2 S							
8	4	11	SE 1/2 S East							
9	5									
10	5									
11	5									
12	5									
1	5									
2	5									
3	5									
4	5	11	SE							
5	5									
6	5	11	SE 1/2 S							
7	5	11								
8	5	11	SE							
9	5									
10	5									
11	5	11								
12	5	11								
COURSE.			DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.	
					By Acct. Obs. Dble. Alt.	357	By Acct. Chron. Lunar.	4526 E	Per Azimuth " Amplitude.	10
Miles distance per Log.				Diff. Lat.	27'	Diff. Long.	122'	Inches in the well.	Set of the current.	

Throughout This Day Light
Breezes and pleasant weather.

Current East 34 Miles

DAY
YAGE.

(N.C.) 4 1/2 E

South

Dark Star

from Sausalito to Bonaville

11th DAY
OF THE TOYAGE.

OF THE VOYAGE.											
H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR, WAT.	SOUND- INGS.	OCCURRENCES, <i>Thursday of Feb 11th</i>	18 <i>50</i>	
1	2		<i>E by S</i>	<i>St by E</i>	<i>72</i>						
2	2										
3	2										
4	2										
5	2										
6	2										
7	1		<i>E by E</i>								
8	1										
9	1		<i>E by E</i>								
10	1		<i>E by E</i>								
11	1	<i>4</i>									
12	1	<i>4</i>									
1	1	<i>4</i>	<i>N. E. by N. 1/2 N.</i>								
2	2		<i>N. E. 1/2 N.</i>								
3	2		<i>N. E.</i>								
4	2		<i>N. E.</i>								
5	1		<i>N. E. by E</i>								
6	2										
7	2										
8	2										
9	2		<i>N. E. 1/2 N.</i>								
10	2										
11	2										
12	2		<i>N. E.</i>								
			<i>Throughout the Day Light Air and pleasant weather. At 10 AM. Sec. m. by Sec. m. Sec. m.</i>								
			<i>Sec. m.</i>								
			<i>Current E. 21 miles</i>								
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dole. Alt.		By Acct. Chron. Lunar.			Per Azimuth, " Amplitude,	
Miles distance per Log.			Diff. Lat.		Diff. Long.		Inches in the well.		Set of the current, <i>21 miles</i>		

Throughout the Day Light
Air and pleasant weather.
At 10 AM. Set m. by Dark Star
Sail.

Current E. by S. 21 miles

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES, Friday Day of Feb 15th,	1850	
1	2		4 N. by E.	N. by E.							
2	3										
3	3										
4	2		4								
5	3		N. by E.	N. by E. 1/2 N.							
6	3										
7	3										
8	3										
9	3		4 N. by E.	N. by E.							
10	3		4								
11	3		4								
12	3										
1	3		N. by E.								
2	4										
3	4										
4	3		4 N. by E. & N. by E.	N. by E.							
5	3		4								
6	3										
7	3		N. by E.								
8	2										
9	2										
10	2										
11	3										
12	3										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION P. M. A. M.	
					By Acct. Obs. Dole. Alt.		By Acct. Chron. Lunar.			Per Azimuth, " Amplitude,	
Miles distance per Log.			Diff. Lat.		420.		Diff. Long.		425.	Inches in the well.	Set of the current, 38 miles

Throughout the Day Light
Air and pleasant weather
At 5 PM. Set m. by Dark Star
Sail.

Current E. by S. 38 miles

Latitude from *Sancti* to *Yarm* 13th DAY OF THE VOYAGE 1859

H.	K.	F.	COURSES.	WINDS.	LEE. WAY.	BAROM.	THERMOM. Air, Wat.	SOURCE. INGS.	OCCURRENCES.	Latitude Day of the	1859
1	3		N 6 ³ E	N 6 ³ E					Commences with Fair, Sea, and freshening Calms	16 th	
2	3										
3	3										
4	3										
5	3										
6	3										
7	3										
8	3										
9	3										
10	3										
11	3										
12	3										
1	3										
2	3										
3	3										
4	3										
5	3										
6	3										
7	3										
8	3										
9	3										
10	3										
11	3										
12	3										
Calms									Current East 50 miles!		
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION		P. M. A. M.
			By Acct.	4 14 42	By Acct.	50 40 E			Per Azimuth,	16	Westing
			Obs. Alt.		Chron. Lunar,				" Amplitude,		
Miles distance per Log.			Diff. Lat.	12	Diff. Long.	100	Inches in the well.		Set of the current,	50	East

H.	K.	F.	COURSES.	WINDS.	LEE. WAY.	BAROM.	THERMOM. Air, Wat.	SOURCE. INGS.	OCCURRENCES.	Latitude Day of the	1859
1	3								Commences Calm two pleasant	17 th	
2	3								Made a high breeze		
3	3								from Southward & E. by S. S. S.		
4	3										
5	3										
6	3										
7	3										
8	3										
9	3										
10	3										
11	3										
12	3										
1	3										
2	3										
3	3										
4	3										
5	3										
6	3										
7	3										
8	3										
9	3										
10	3										
11	3										
12	3										
Calms									Current East 45 miles		
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION		P. M. A. M.
			By Acct.	3 16 5	By Acct.	52 11 E			Per Azimuth,	16	Westing
			Obs. Alt.		Chron. Lunar,				" Amplitude,		
Miles distance per Log.			Diff. Lat.	48	Diff. Long.	31	Inches in the well.		Set of the current,	45	East

Base Star

from Sandibar to Bombay

DAY
OF THE VOYAGE.

OF THE VOYAGE.											
H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES.		
Monday Feb 15 1869											
1	3	1	N by W. N. E						Throughout This Day. Light Breezes and Pleasant. Took in Midg. Tails, and Trade.		
2	4										
3	4										
4	4										
5	4		N by E								
6	4		N by W. N. E								
7	3	4									
8	4										
9	3	4	N by W								
10	3	4									
11	3	4									
12	3	4									
1	4		N. by E. N. E						No Current This Day.		
2	4										
3	3	4									
4	3	4									
5	3	4	N by W								
6	3										
7	3										
8	3										
9	3		N by W								
10	3										
11	2	4									
12	2	4									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	2 12 0	By Acct. Chron. Lunar,	5 12 6		Per Azimuth " Amplitude,	
Miles distance per Log.					Diff. Lat.	74'	Diff. Lon.	45'	Inches in the well.	Set of the current,	N.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM. m. Hg.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES.		
1	2	4	N by E	E by S					Tuesday Feb 19 1869		
2	3										
3	3										
4	3	4	N by E	E by S							
5	3	4	N by E	E by S					Commences with a gentle N. by E		
6	3	4	N by E	E by S					Trade Breezes and pleasant		
7	3	4	N by E	E by S					Terminates with light Breezes		
8	3	4	N by E	E by S					and passing snowed		
9	3	4	N by E	E by S							
10	3	4	N by E	E by S							
11	4										
12	4										
1	4		N by E	East							
2	4										
3	4										
4	4		N by E	E by S							
5	4										
6	4		N by E	E by S							
7	3	4	N by E	E by S							
8	3	4	N by E	E by S							
9	4										
10	3										
11	3										
12	3										
88											
Current West 30 miles!											
6											
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	50 6	By Acct. Chron. Lunar,	50 50 6		Per Azimuth, " Amplitude,	87 West.
Miles distance per Log.			83		Diff. Lat.	82	Diff. Long.	36	Inches in the well.	Set of the current	30 m. N. by E

Star from Danzig towards Bombay 17th DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air & Wat.	SOUND-INGS.	OCCURRENCES.	Day of Month Year
1	3	4	N. by E	N. by E						Aug 20th 1839
2	1	4	E by S							
3	3	4								
4	3	4	E by S	N. by E						
5	3	4	E by S	N. by E						
6	4	4								
7	4	4								
8	4	4								
9	4	4								
10	4	4								
11	4	4								
12	4	4								
1	4	4								
2	4	4								
3	4	4								
4	4	4								
5	4	4								
6	4	4								
7	4	4								
8	4	4								
9	4	4								
10	4	4								
11	4	4								
12	4	4								
Throughout this Day, Gentle S. and occasional Squalls										
Current N. 26 E. 39 miles!										
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	121° 30'	By Acct. Chron. Lunar.	51° 15'			Per Azimuth.	
									" Amplitude.	1/2 N. by E.
Miles distance per Log.			Diff. Lat.	31'	Diff. Long.	55'	Inches in the well.	Set of the current.	39°	

Throughout this Day, Gentle Breeze and occasional Squalls

Current N 26 E 39 miles!

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	Day	1839
1	1	1	E	SE	12					Thursday	Feb 21st
2	1	1	E	SE					Commencing Gentle Breeze and pushing clouds. Middle Part Frequent Squalls from and heavy rain in Evening. Blue & bright light the Regals and flying Terminates Gentle Breeze and heavy weather.		
3	1	1	E	SE							
4	1	1	E	SE							
5	1	1	E	SE							
6	1	1	E	SE							
7	1	1	E	SE							
8	1	1	E	SE							
9	1	1	E	SE							
10	1	1	E	SE							
11	1	1	E	SE							
12	1	1	E	SE							
1	1	1	E	SE						Current 138 23 miles	
2	1	1	E	SE							
3	1	1	E	SE							
4	1	1	E	SE							
5	1	1	E	SE							
6	1	1	E	SE							
7	1	1	E	SE							
8	1	1	E	SE							
9	1	1	E	SE							
10	1	1	E	SE							
11	1	1	E	SE							
12	1	1	E	SE							
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	2 03 S.	By Acct. Chron. Lunar.	53 21 East		Per Azimuth, " Amplitude,	
Miles distance per Log.			103		Diff. Lat.	42	Diff. Long.	1 36	Inches in the well.	Set of the current,	23 N. 1/2 E.

Commencing Gentle Breeze and pushing clouds.
Milder East Frequent Squalls of wind and Rain took in light Sails.
Morning Star prominent till the Squalls and flying Sails
Terminated Gentle Breeze and hazy weather.

Current N 13 E 23 miles

10 Bark Star

from *Lambton* towards *Bonlay*

DAY
OF THE VOYAGE.

H.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	Day of Feb 25	1839
1	4	4	SE	SE	1/2						
2	4	4	SE	SE							
3	4	4	SE	SE							
4	4	4	SE	SE							
5	4	4	SE	SE							
6	4	4	SE	SE							
7	4	4	SE	SE							
8	4	4	SE	SE							
9	4	4	SE	SE							
10	4	4	SE	SE							
11	4	4	SE	SE							
12	4	4	SE	SE							
1	3	4	SE	SE							
2	3	4	SE	SE							
3	3	4	SE	SE							
4	3	4	SE	SE							
5	3	4	SE	SE							
6	3	4	SE	SE							
7	3	4	SE	SE							
8	3	4	SE	SE							
9	3	4	SE	SE							
10	3	4	SE	SE							
11	3	4	SE	SE							
12	3	4	SE	SE							

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. N.
			By Acct. Obs. Dble. Alt.	1255	By Acct. Chron. Lunar.	5302 E	Per Azimuth. 7° West
Miles distance per Log.			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current.	17° 1/2 S.

H.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	Day of Feb 23	1839
1	3	4	SE	SE	1/2						
2	3	4	SE	SE							
3	3	4	SE	SE							
4	3	4	SE	SE							
5	3	4	SE	SE							
6	3	4	SE	SE							
7	3	4	SE	SE							
8	3	4	SE	SE							
9	3	4	SE	SE							
10	3	4	SE	SE							
11	3	4	SE	SE							
12	3	4	SE	SE							
1	3	4	SE	SE							
2	3	4	SE	SE							
3	3	4	SE	SE							
4	3	4	SE	SE							
5	3	4	SE	SE							
6	3	4	SE	SE							
7	3	4	SE	SE							
8	3	4	SE	SE							
9	3	4	SE	SE							
10	3	4	SE	SE							
11	3	4	SE	SE							
12	3	4	SE	SE							

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. N.
			By Acct. Obs. Dble. Alt.	04136	By Acct. Chron. Lunar.	5209	Per Azimuth. 7° West
Miles distance per Log.			Diff. Lat.	44	Diff. Long.	53	Inches in the well.
							Set of the current.

Yan. *Wingfield* from *Lansdown* to *Montay* 21st DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	Time of Day	1839
1	1		W. by N.	N. by E. 1/2 E.							
2	1										
3	1										
4	3	4									
5	1		East								
6	1										
7	3		E. by S.								
8	1										
9	5										
10	5		E. by N. 1/2 E.								
11	5										
12	1										
1	4										
2	4										
3	4										
4	4										
5	5		East N. by E.								
6	5										
7	5										
8	5										
9	5										
10	5										
11	4		E. by N.								
12	4										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct.	25 1/2	By Acct.	53 22 E		Per Azimuth.	
					Obs. Dble. Alt.	56 1/2	Chron. Lunar.			" Amplitude.	
Miles distance per Log.				Diff. Lat.	15	Diff. Long.	1° 13'	Inches in the well.	Set of the current.	45 M.	

Throughout this Day Light & Breezes are pleasant weather

Current NW 45 miles!!

22nd Day from *Lansdown*

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	Time of Day	1839
1	5		E. by N. 1/2 E.								
2	5										
3	5										
4	11		N. by E.								
5	11										
6	4		E. by E. S. by S.								
7	4										
8	4		E. by N. 1/2 E.								
9	4										
10	4										
11	3		East								
12	3										
1	3		E. by N.								
2	3										
3	3										
4	3										
5	3										
6	3										
7	3										
8	3										
9	3										
10	3										
11	3										
12	3										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct.	54 1/2	By Acct.	54 37 E		Per Azimuth.	
					Obs. Dble. Alt.		Chron. Lunar.			" Amplitude.	
Miles distance per Log.				Diff. Lat.	2'	Diff. Long.	1° 15'	Inches in the well.	Set of the current.	23 M.	

Throughout this Day Light & Breezes are pleasant weather

At 1.55 AM Mr. J. Morgan, a man of Salem, breathed his last after a sickness of 13 days. He expired with a struggle as a groan, "I'm 100" and called all hands to bury the dead. Some took board a yachting, and committed the body to the deep.

Current S by W 23 miles

Dark Star of Salem from Louisiana to Bombay

DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOON- INGS.	OCCURRENCES.
1	3		E by S	N E	1/2	Inch. Part.			Tuesday Feb 26 th 1839
2	3								
3	3								
4	3								
5	3		E N E	North					
6	3								
7	4		N N W	E					
8	4								
9	2		North	E N E					Throughout this Day Light Breeze
10	2								Explain with pleasant weather
11									
12									
1									
2			Calum						
3									
4									
5	2		North	N W					
6	2								
7	1								
8	1								
9	2								
10	2								
11	2								
12	2								Current N. by E. 39 miles

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	1 02 26	By Acct. Chron. Lunar,	54 34	Per Azimuth " Amplitude,
Miles distance per Log.			Diff. Lat.	8'	Diff. Long.	3'	Inches in the well.
							Set of the current, 39 m. N. by E.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOON- INGS.	OCCURRENCES.
1	2		N E	N N W	1/2	Inch. Part.			Wednesday Feb 27 th 1839
2	2								
3	1								Commences with faint fair
4	1								and pleasant weather
5	1		N E	N N W					
6	1								
7	1		E by S	N E					Middle Part Calm & pleasant
8									
9									
10									Morning. Light Air from West
11									and pleasant weather
12			Calum						Set steady fair.
1									
2									Terminates. Light Air and
3									pleasant, the wind hauling North
4									
5	2		N E	N N W					
6	2								
7	2		N E	West					
8	3								
9	4		N E	N N W					
10	3								
11	3								
12	3								Current S. West 31 miles

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	1 02 50	By Acct. Chron. Lunar,	34 30 E	Per Azimuth " Amplitude,
Miles distance per Log.			Diff. Lat.		Diff. Long.	4'	Inches in the well.
							Set of the current, 31 m. S. West

Navigation from Tansibar to Bombay

25th DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES.	Thursday Feb 28 th 1839	
1	3	1	N by N	N by N	1/2						
2	3	1	N by E	N by E							
3	3	1	N by E	N by E							
4	3	1	N by E	N by E							
5	3	1	N by E	N by E							
6	3	1	N by E	N by E							
7	3	1	N by E	N by E							
8	3	1	N by E	N by E							
9	3	1	N by E	N by E							
10	3	1	N by E	N by E							
11	3	1	N by E	N by E							
12	3	1	N by E	N by E							
1	3	1	N by E	N by E							
2	3	1	N by E	N by E							
3	3	1	N by E	N by E							
4	3	1	N by E	N by E							
5	3	1	N by E	N by E							
6	3	1	N by E	N by E							
7	3	1	N by E	N by E							
8	3	1	N by E	N by E							
9	3	1	N by E	N by E							
10	3	1	N by E	N by E							
11	3	1	N by E	N by E							
12	3	1	N by E	N by E							
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	12 1/2	By Acct. Chron. Lunar.	54 54 6		Per Azimuth, " Amplitude,	1/2 W. by N.
Miles distance per Log.			Diff. Lat.	30'	Diff. Long.	24'	Inches in the wall.	Set of the current,			

Throughout This Day Light & happy
fair and pleasant weather

Current S 1/2 W 20 miles

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES.	Friday Day March 1 st 1839	
1	3	1	ENE	North	1/2	Inch. Fast.				Throughout This Day Light bree and pleasant weather	
2	3	1									
3	3	1									
4	3	1									
5	3	1									
6	3	1									
7	3	1									
8	3	1									
9	3	1									
10	3	1									
11	3	1									
12	3	1									
1	3	1	NE by E. NE by W							Current S. 63 W. 26 miles	
2	3	1									
3	3	1									
4	3	1									
5	3	1									
6	3	1									
7	3	1									
8	3	1									
9	3	1									
10	3	1									
11	3	1									
12	3	1									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dole. Alt.	15 1/2	By Acct. Chron. Lunar.	53 33 6		Per Azimuth, " Amplitude	1/2 West
Miles distance per Log.			Diff. Lat.	27'	Diff. Long.	39'	Inches in the wall.		Set of the current, 2 1/2		

Throughout This Day Light
fair and pleasant weather

Current S 1/2 W 26 miles

Barb Star

from *Sancti Spiritus* to *Tombay*

DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. (Wat.)	SOUND- INGS.	OCCURRENCES.
1	3	4	<i>N 6/4 E</i>	<i>N NW 1/2</i>					<i>Sunday March 2^d 1839</i>
2	3	4							
3	3	4							
4	3	4							
5	3	4							
6	3	4							
7	3	4							
8	3	4							
9	2	4							
10	2	4							
11	2	4							
12	2	4							
1	3	4	<i>N 6/4 E</i>	<i>N NW 1/2</i>					
2	3	4							
3	3	4							
4	3	4							
5	4	4							
6	4	4							
7	3	4							
8	3	4							
9	3	4							
10	3	4							
11	3	4							
12	3	4							

*Throughout This Day Light Air
and pleasant weather*

Current S 2 7/4 W. 28 miles

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	<i>46 1/2</i>	By Acct. Chron. Lunar.	<i>56 09 E</i>	Per Azimuth, " Amplitude,
Miles distance per Log.			Diff. Lat. <i>31'</i>	Diff. Long. <i>36'</i>	Inches in the well.	Set of the current <i>2 1/2 S 1/4 W</i>	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. (Wat.)	SOUND- INGS.	OCCURRENCES.
1	3	4	<i>N 6/4 E</i>	<i>N NW 1/2</i>					<i>Sunday Day March 3^d 1839</i>
2	3	4							
3	3	4							
4	3	4							
5	3	4							
6	3	4							
7	4	4	<i>N East</i>						
8	4	4							
9	3	4	<i>N 6/4 E</i>						
10	3	4							
11	3	4	<i>N East</i>						
12	4	4							
1	4	4							
2	4	4							
3	3	4							
4	3	4	<i>N 6/4 E</i>						
5	4	4							
6	4	4							
7	3	4							
8	3	4							
9	4	4							
10	4	4							
11	4	4							
12	4	4							

*Throughout This Day Light
Air and pleasant weather*

Current S 2 1/4 W 22 miles

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	<i>1 33. 1/2</i>	By Acct. Chron. Lunar.	<i>57 06 E</i>	Per Azimuth, " Amplitude,
Miles distance per Log.			Diff. Lat. <i>4'</i>	Diff. Long. <i>58'</i>	Inches in the well.	Set of the current <i>2 1/2 S 1/4 W</i>	

Sailing from Lonsdale to Portland

29th DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.
1	5		SE by E	W by N $\frac{1}{2}$					Throughout this Day Gentle Air and pleasant
2	5								
3	5								
4	5		SE by E						
5	4								
6	4		SE by N						
7	4								
8	3								
9	3								
10	3	4							
11	3	4							
12	3								
1	3		SE by N	W by N					Current S.W. 30 miles
2	3								
3	4								
4	4								
5	4								
6	3								
7	3								
8	3								
9	4		SE by E	N					
10	3								
11	3								
12	3								

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	150 th	By Acct. Chron. Lunar.	58086	Per Azimuth, " Amplitude
Miles distance per Log. 58			Diff. Lat. 17'	Diff. Long. 61	Inches in the well.	Set of the current, 30 m.	Westerly

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.
1	3		SE by E	N					Throughout this Day Gentle Breezes and passing Clouds
2	3								
3	4								
4	4								
5	4								
6	4								
7	5								
8	4								
9	4								
10	3		SE by N	W by N					
11	3								
12	3								
1	4								Current S West 36 miles
2	4								
3	4								
4	4								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	155 th	By Acct. Chron. Lunar.	5908	Per Azimuth, " Amplitude
Miles distance per Log. 57			Diff. Lat. 5	Diff. Long. 1° 00	Inches in the well.	Set of the current, 36 m.	Westerly

Bartholemew from Landstar to Wm. Bay

DAY
OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR. WAT.	SOUND- INGS.	OCCURRENCES	Wm. Bay of March 6 1839
1	3	4	Cal	NW	1/2					
2	3	4								
3	3	4								
4	3	4								
5	3	4								
6	3	4								
7	3	4								
8	3	4								
9	3	4								
10	3	4								
11	3	4								
12	3	4								
1	3	4	Cal	NW	1/2					
2	3	4								
3	3	4								
4	3	4								
5	3	4								
6	3	4								
7	3	4								
8	3	4								
9	3	4								
10	3	4								
11	3	4								
12	3	4								
										Throughout This Day Light Breeze and pleasant weather
										Current S 3/4 W. 40 miles
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	20 1/2	By Acct. Chron. Lunar,	59 1/2			Per Azimuth, " Amplitude,	7 1/2 West
Miles distance per Log.			Diff. Lat.	7'	Diff. Long.	19'	Inches in the well.	Set of the current 40 W 1/2 N		

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR. WAT.	SOUND- INGS.	OCCURRENCES	Wm. Bay of March 7 1839
1	3	4	N West	NW	1/2					
2	2	1								
3	2	1								
4	2	1								
5	2	1								
6	2	1								
7	1	1								
8	1	1								
9	1	1								
10	1	1								
11	1	1								
12	1	1								
1	1	1								
2	1	1								
3	1	1								
4	1	1								
5	1	1								
6	1	1								
7	1	1								
8	1	1								
9	1	1								
10	1	1								
11	1	1								
12	1	1								
										Throughout This Day Light Breeze and pleasant weather
										Current W 1/2 S. 40 miles
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	22 1/2	By Acct. Chron. Lunar,	58 20			Per Azimuth, " Amplitude,	7 1/2 West
Miles distance per Log.			Diff. Lat.	19'	Diff. Long.	6 1/2'	Inches in the well.	Set of the current 40 W 1/2 S		

Expedition from Lancelotti to Bombay

33rd DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air & Wat.	SOUND-ING.	OCCURRENCES.	Friday, Day of March 8 th	1829	
1	2	4	N. by E.	N. by E.								
2	2	4										
3	2	4										
4	2	4	N. by E.									
5	2	4										
6	2	4										
7	2	4										
8	2	4										
9	2	4	N. by W. East									
10	2	4										
11	2	4										
12	2	4										
1	2	4	N. by E. N. by E.									
2	2	4										
3	2	4	N. by E. East									
4	2	4										
5	2	4										
6	2	4										
7	2	4										
8	2	4										
9	2	4										
10	2	4										
11	2	4										
12	2	4										
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
			N. by E.			By Acct. Obs. Dble. Alt.	3 12 0	By Acct. Chron. Lunar.	57 30 8		Per Azimuth. " Amplitude.	37' 1/2
			Miles distance per Log.		58	Diff. Lat.	50'	Diff. Long.	50'	Inches in the well.	Set of the current	26" W.

*Throughout This Day Light
airs and hazy weather
At 4 P.M. set the day's sail*

Current West 2 1/2 miles

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR/WAT.	SOUND- INGS.	OCCURRENCES.	Weather, Day March 9 th	1829	
1	2	4	N by W. N	N East 1/2 E						Throughout This Day Gentle Breeze and heavy weather		
2	2	4										
3	2	4										
4	2	4	N. by E	E. by E								
5	3	4										
6	3	4										
7	4	4	N. by W									
8	4	4										
9	4	4	N. by E	E. by N								
10	4	4										
11	5	4										
12	5	4										
1	5	4	N. by E	East						Current 4 1/2 S 22 miles		
2	6	4										
3	6	4	N. by E	E. by E								
4	5	4										
5	5	4	N. by W									
6	5	4										
7	6	4										
8	6	4										
9	6	4										
10	7	4										
11	7	4										
12	7	4										
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
						By Acct. Obs. Dble. Alt.	4 40 0	By Acct. Chron. Lunar.	58 53 6		Per Azimuth " Amplitude.	37 1/2
			Miles distance per Log.		100	Diff. Lat.	55'	Diff. Long.	37'	Inches in the well.	Set of the current	22" West

*Throughout This Day Light
Brides and hazy weather*

Current N 1/2 E 2 1/2 miles

Barth Star from Salem to London to *Sunday* DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMOM. AIR. WAT.	SOUND- INGS.	OCCURRENCES	DAY	MONTH	YEAR
1	4		<i>N by W</i>	<i>N E by E 1/2</i>						<i>Sunday</i>	<i>Feb</i>	<i>1877</i>
2	4											
3	4		<i>N W by W</i>	<i>N E</i>								
4	4											
5	3											
6	2		<i>N by W</i>	<i>N E</i>								
7	3		<i>N by W</i>	<i>N E</i>								
8	3											
9	4		<i>N by W</i>	<i>N E</i>								
10	4											
11	4											
12	4											
1	4											
2	4											
3	4											
4	5											
5	5		<i>N by W</i>	<i>N E</i>								
6	5											
7	5											
8	5											
9	5											
10	5											
11	5											
12	5											
										<i>Throughout This Day Fine Breeze and Hazy weather</i>		
										<i>Current N 12 S 11 miles</i>		
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.		
			By Acct. Obs. Dble. Alt.	<i>6 04</i> <i>6 02 1/2</i>	By Acct. Chron. Lunar.	<i>56 58 E</i>			Per Azimuth " Amplitude	<i>W. 1/2 N</i>		
Miles distance per Log.			Diff. Lat.	<i>1° 21'</i>	Diff. Long.	<i>53'</i>	Inches in the well.		Set of the current	<i>11 S. 1/2 E.</i>		

H.	K.	F.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMOM. AIR. WAT.	SOUND- INGS.	OCCURRENCES	DAY	MONTH	YEAR
1	5		<i>N by W</i>	<i>N E by E 1/2</i>						<i>Monday</i>	<i>March</i>	<i>1879</i>
2	5											
3	5											
4	4											
5	4		<i>N by W</i>	<i>N E</i>								
6	4		<i>N by W</i>	<i>N E</i>								
7	5		<i>N by W</i>	<i>N E</i>								
8	5											
9	5											
10	5											
11	5											
12	5											
1	4		<i>N by W</i>	<i>N E</i>								
2	4											
3	4											
4	3											
5	3		<i>N by W</i>	<i>N E</i>								
6	2											
7	3											
8	3											
9	4		<i>N by W</i>	<i>N E</i>								
10	4											
11	4											
12	4											
										<i>Throughout This Day Gentle Breeze and Hazy weather</i>		
										<i>Current West 11 miles</i>		
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.		
<i>N 29 W</i>	<i>113</i>		By Acct. Obs. Dble. Alt.	<i>7 40 N</i>	By Acct. Chron. Lunar.	<i>55 04 E</i>			Per Azimuth " Amplitude	<i>W. 1/2 N</i>		
Miles distance per Log.			Diff. Lat.	<i>99'</i>	Diff. Long.	<i>54'</i>	Inches in the well.		Set of the current	<i>West 11 miles</i>		

Run of Salem from *Sancti*

to *Santag.*

27th DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	Day	1849
1	11		<i>N by W</i>	<i>N East</i>	<i>1/2</i>					<i>Tuesday</i>	<i>12th</i>
2	11										
3	11										
4	11										
5	11										
6	11										
7	11	4	<i>South</i>	<i>ESE</i>							
8	11	4									
9	11	4	<i>N by W</i>	<i>SE</i>							
10	11	4									
11	11	4									
12	11	4	<i>N by W</i>								
1	11	4									
2	11	4									
3	11	4									
4	11	4									
5	11	4	<i>N by W</i>								
6	11	4									
7	11	4									
8	11	4	<i>N by E</i>	<i>SE</i>							
9	11	4									
10	11	4	<i>N by E</i>	<i>East</i>							
11	11	4									
12	11	4									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Alt.	<i>935</i>	By Acct. Chron. Lower.	<i>54 1/2 East</i>		Per Azimuth " Amplitude.	<i>6 West</i>
Miles distance per Log.			<i>114</i>	Diff. Lat.	<i>115'</i>	Diff. Long.	<i>16'</i>	Inches in the well.	Set of the current.	<i>1/2 N. E.</i>	<i>1626</i>

*Throughout This Day Gentle
Breezes and passing Clouds*

*Long in Dist. 0 West
at 5.50 East*

Current N by E. 17 miles

38th Day from *Sancti*

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	Day	1849
1	4		<i>N by E</i>	<i>SE</i>						<i>Wednesday</i>	<i>13th</i>
2	4										
3	4		<i>South</i>	<i>SE</i>							
4	4		<i>South</i>	<i>SE</i>							
5	4										
6	4										
7	4										
8	4										
9	4										
10	4										
11	4										
12	4										
1	4										
2	4										
3	4										
4	4										
5	4										
6	4										
7	4										
8	4										
9	4		<i>N by E</i>								
10	4										
11	4										
12	4										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
			<i>120</i>		By Acct. Obs. Alt.	<i>1100</i>	By Acct. Chron. Lower.	<i>53 36 E</i>		Per Azimuth " Amplitude.	<i>5 West</i>
Miles distance per Log.				Diff. Lat.	<i>85'</i>	Diff. Long.	<i>85'</i>	Inches in the well.	Set of the current.	<i>8 N. W.</i>	

*Throughout This Day Gentle
Breezes and passing Clouds*

Current West 8 miles

Bark *Salem* from *Lisbon* to *Abaco Key* DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUNDINGS.	OCCURRENCES.	Thursday March 14 1839
1	5	4	N West	By E						
2	5	4								
3	5	4								
4	5	4								
5	5	4								
6	5	4								
7	5	4								
8	5	4								
9	5	4								
10	6		N West							
11	5									
12	4		N West							
1	5	4	N West							
2	5	4	N West							
3	1	4	N West							
4	2	4	N West							
5	2	4	N West							
6	4		N West							
7	4		N West							
8	4		N West							
9	5		N West							
10	5		N West							
11	5		N West							
12	5		N West							
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION P. M. A. M.
					By Acct. Obs. Dble. Alt.	12.00	By Acct. Chron. Lunar.	51.48		Per Azimuth, 4 1/2 Westing
Miles distance per Log.					Diff. Lat.	1.08	Diff. Long.	9.8	Inches in the well.	Set of the current.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUNDINGS.	OCCURRENCES.	Friday March 15 1839
1	4		N West	By E						
2	4									
3	4									
4	4									
5	4									
6	4									
7	5									
8	5									
9	4		N East							
10	4		N East							
11	4		N East							
12	4		N East							
1	3		N West							
2	3									
3	4	4								
4	4	4								
5	5	4	N West	East						
6	5	4								
7	5	4								
8	5	4								
9	5	4								
10	6									
11	6									
12	6									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION P. M. A. M.
					By Acct. Obs. Dble. Alt.	12.44	By Acct. Chron. Lunar.	52.00		Per Azimuth, 6° Westing
Miles distance per Log.					Diff. Lat.	3.5	Diff. Long.	1° 48	Inches in the well.	Set of the current. 20 N. North

Run from *Sandwich* to the *Pole Sea* 11th DAY OF THE VOYAGE

H.	K.	F.	COURSES	WINDS	LEE Way.	BAROM.	THERMOM. Air, Wat.	SOUND-ING.	OCCURRENCES		
Saturday Day of March 1836											
1	6		W. S. E. 6						Throughout This Day Fine Breeze, and pleasant weather		
2	6										
3	6										
4	6										
5	6										
6	6	4									
7	6	4									
8	6	4									
9	6	4									
10	6	4									
11	6	4									
12	6	4									
1	6								Current North 19 miles!		
2	5	4									
3	5	4									
4	5	4									
5	5	4									
6	5	4									
7	6										
8	6										
9	6										
10	6										
11	6										
12	6										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	12 ³¹ 10 ¹	By Acct. Chron. Lunar.	47 ³⁸ 6	Per Azimuth " Amplitude		
Miles distance per Log. 154					Diff. Lat.	4'	Diff. Long.	2° 32'	Inches in the well.	Set of the current.	19 th M.

42nd Day from *Sandwich*

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- ING.	OCCURRENCES		
1	6		<i>W. S. E.</i>	<i>E. S. E.</i>					<i>Throughout this Day Fine Breeze and pleasant weather</i>		
2	6										
3	6										
4	6										
5	6										
6	5	4									
7	6		<i>East</i>								
8	6										
9	6										
10	6										
11	6										
12	6		<i>W. S. E.</i>								
1	6										
2	6										
3	6										
4	6										
5	6		<i>West</i>	<i>E. S. E.</i>							
6	6										
7	6										
8	6										
9	6										
10	6		<i>W. S. E.</i>	<i>N. E. by N.</i>							
11	6										
12	6										
1	6										
2	6										
3	6		<i>W. S. E.</i>	<i>N. E. by N.</i>							
4	6										
5	6										
6	6										
7	6										
8	6		<i>W. S. E.</i>	<i>N. E. by N.</i>							
9	6										
10	6										
11	6										
12	6										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	12 22 10	By Acct. Chron. Lunar.	45 03 6		Per Azimuth, " Amplitude,	8° 40' <i>West</i>
Miles distance per Log.					Diff. Lat.	Diff. Long.		Inches in the well.		Set of the current,	N.

Y. Ark Star

from Bombay

10 towards Lumbur, 15th DAY OF THE VOYAGE.

H.	K.	F.	COURSES	WINDS	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES
1									<i>Saturday June 15 1839</i>
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

H.	K.	F.	COURSES	WINDS	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES
1									<i>Sunday June 16 1839</i>
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Bark Star

from Bombay to San Juan

DAY
OF THE VOYAGE.

H.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMO. AIR. WAT.	SOUND- INGS.	OCCURRENCES.	
1	3	4	SE 1/4 W	West	1/2				Monday June 17 1839 Commences in the gentle breeze and pleasant weather Terminates Light S. by S. breeze Set & Topmast Studding Sails Current East 8 miles	
2	3	4								
3	3	4								
4	3	4								
5	4	4	SE 1/4 W							
6	5	4	SE 1/4 S							
7	4	4								
8	4	4	SE 1/4 S							
9	4	4	SE 1/4 S							
10	4	4								
11	4	4								
12	4	4								
1	3	4								
2	4	4								
3	3	4								
4	3	4								
5	3	4								
6	4	4								
7	3	4								
8	3	4								
9	3	4								
10	4	4								
11	3	4								
12	4	4								
COURSE.		DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
				By Acct. Obs. Dble. Alt.	17° 23'	By Acct. Chron. Lunar.	71° 04'		Per Azimuth, " Amplitude,	401
Miles distance per Log.				Diff. Lat.		Diff. Lon.		Inches in the well.	Set of the current.	

H.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMO. AIR. WAT.	SOUND- INGS.	OCCURRENCES.		
1	3	4	SE 1/4 W	SE 1/4 W	1/2				Tuesday June 18 th 1839 Commenced Gentle Breeze and breezy weather. Set M. & Fore Studding Sails At 1 P.M. Took in M. & Fore Studding and Royals Middle & Latter Part Gentle Breeze and cloudy weather Set Light Sails. Current S by S 10 miles		
2	3	4									
3	3	4									
4	3	4									
5	4	4	SE 1/4 W								
6	4	4									
7	4	4									
8	5	4									
9	5	4									
10	4	4	SE 1/4 W								
11	4	4									
12	4	4									
1	5	4	SE 1/4 W								
2	5	4									
3	5	4									
4	5	4									
5	5	4	SE 1/4 W								
6	5	4									
7	5	4									
8	5	4									
9	4	4									
10	4	4									
11	4	4									
12	4	4									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	16° 09'	By Acct. Chron. Lunar.	69° 43'		Per Azimuth, " Amplitude,	
Miles distance per Log.				Diff. Lat.		Diff. Long.		Inches in the well.		Set of the current.	

Bark "Star" from Salem to Lonsibar

5th DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air/Wat.	SOUND 160s.	Occurrence.		
					alt. Fath.						
1	1	1	W by W	W by N	72				Commences with gentle Breezes and cloudy weather		
2	4	4									
3	4	4									
4	4	4									
5	4	4									
6	4	4									
7	4	4									
8	4	4							Middle Part Squally appearances and lightning in the E. East. Took in study sails Royal & St. Andrew's		
9	4	4							Morning Set 5 Top mast & 11m Top Subst. jenny's and Royal		
10	4	4									
11	4	4									
12	4	4							Terminates gentle Breezes and light rains.		
1	5	4									
2	5	4									
3	4	4									
4	4	4									
5	5	4									
6	5	4									
7	5	4									
8	5	4									
9	4	4									
10	4	4							(No Obs.) Sailing the same Current as yesterday but 5 Top 20 miles		
11	5	4									
12	5	4									
Course.		Dist.	Depart.	Latitude.		Longitude.		Bearing & Distance.		Variation	P. M. A. M.
West 109		77.3		49 53 N		68 23 20 Day				Per Azimuth,	
				By Acct. Obs. Dble. Alt.		By Acct. Chron. Lunar,				" Amplitude,	
Miles distance per Log.		109		Diff. Lat.		Diff. Long.		Inches in the well.		Set of the current, 10 m. S. by S.	

H.	K.	F.	COURSES.	WINDS.	Lee Way.	Barom.	Thermom.	Sound.	Occurrences		
					Lee Way. <td>alt. Fath.<td>Air.<td>Wind.<td></td></td></td></td>	alt. Fath. <td>Air.<td>Wind.<td></td></td></td>	Air. <td>Wind.<td></td></td>	Wind. <td></td>			
1	4	4	S by E	W by N	72				Commences with gentle breezes and cloudy, rainy weather		
2	4	4									
3	4	4									
4	4	4									
5	4	4									
6	4	4									
7	4	4									
8	4	4									
9	4	4									
10	4	4									
11	4	4									
12	4	4									
1	4	4	S by E	W by N					Morning more pleasant Set all sail		
2	4	4									
3	4	4									
4	4	4							Terminates, gentle breezes and pleasant		
5	4	4									
6	4	4									
7	4	4									
8	4	4									
9	4	4	S by E	W by N							
10	4	4									
11	4	4									
12	4	4							Current South 23 miles in 2 days		
Course.		Dist.	Depart.	Latitude.		Longitude.		Bearing & Distance.		Variation	P. M. A. M.
				By Acct. Obs. Dble. Alt.		By Acct. Chron. Lunar,				Per Azimuth,	
				43 13 W		66 56 East				" Amplitude,	
Miles distance per Log.				Diff. Lat.		Diff. Long.		Inches in the well.		Set of the current, M.	

Burke Har of Salem from Bombay to Lamsibar

THE DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES	Friday June 21st 1839								
1	6	4	S by W N A Med	1/2														
2	5	4																
3	5	4																
4	4	4																
5	4	4																
6	4	4	S by W N A Med	1/2														
7	4	4																
8	4	4																
9	3	3																
10	3	3																
11	3	3																
12	3	3																
1	3	3	S by W N by S															
2	6	5																
3	3	3																
4	5	5	S by S W by N															
5	5	5																
6	5	5	S by W N N by E															
7	5	5																
8	5	5																
9	5	5																
10	5	5																
11	5	5																
12	5	5																
COURSE.										DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
												By Acct. Obs. Dole. Alt.		By Acct. Chron. Lunar,			Per Azimuth, " Amplitude,	
Miles distance per Log.										109		Diff. Lat. 87°		Diff. Lon. 45°		Inches in the well.	Set of the current, 12 m. East	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES	<i>Lambert June 23rd 39</i>
1	5	4	S by W N by S 1/2	1/2						
2	5	4								
3	4	4								
4	4	4								
5	4	4								
6	4	4								
7	5	5								
8	5	4								
9	5	5								
10	5	5								
11	4	4								
12	4	4								
1	5	5								
2	5	5								
3	5	5								
4	5	5								
5	4	4	S by W West							
6	4	4								
7	4	4								
8	6	6								
9	5	4	S by W West							
10	5	4								
11	5	4								
12	5	4								
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION P. M. A. M.
					By Acct. Obs. Dole. Alt.		By Acct. Chron. Lunar,			Per Azimuth, " Amplitude,
Miles distance per Log.					Diff. Lat.		Diff. Long.		Inches in the well.	Set of the current, 12 m.

is an Star

from *Wahbay* to *Lanzibar*

9th DAY
OF THE VOYAGE.

H.	R.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	TEMPEROM. Air/Wat.	SOUND- INGS.	OCCURRENCES	Day	June	1839
1	5	4	<i>S by W 1/2 N</i>	<i>N by S</i>	<i>1/2</i>				<i>Commences with gentle breeze and cloudy weather</i>			
2	4	4										
3	4	4										
4	3	4										
5	4	4										
6	4	4	<i>S by W</i>	<i>W by S</i>				<i>Through the night squally with rain & light breeze. Morning sun pleasant, set all sail</i>				
7	4	4										
8	4	4										
9	4	4										
10	3	4										
11	4	4	<i>S by W 1/2 W</i>					<i>Terminates fine breeze and haze</i>				
12	5	4										
1	5	4										
2	5	4										
3	6	4										
4	4	4	<i>S by W</i>					<i>Current S 1/2 E 14 miles</i>				
5	5	4										
6	5	4										
7	5	4										
8	5	4										
9	5	4	<i>S by W 1/2 W</i>									
10	5	4										
11	5	4										
12	5	4										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
					By Acct. Obs. Dib. Alt.	<i>736.8</i>	By Acct. Chron. Lunar.	<i>65 48 East</i>			Per Azimuth " Amplitude	<i>3 1/2 N. 1/2 E</i>
Miles distance per Log. <i>116.</i>			Diff. Lat. <i>2° 07'</i>		Diff. Long. <i>11'</i>		Inches in the well.		Set of the current. <i>1 1/2 N. 1/2 E</i>			

H.	R.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	TEMPER. Air/Wat.	SOUND- INGS.	OCCURRENCES	Monday June 24 th 1839	
1	5	4	<i>S by W 1/2 N</i>	<i>W by S</i>	<i>1/2</i>						
2	5	4									
3	5	4									
4	5	4									
5	5	4									
6	5	4	<i>S 1/2 W</i>								
7	5	4									
8	5	4									
9	5	4									
10	5	4									
11	5	4	<i>S 1/2 W</i>								
12	4	4									
1	6	4									
2	5	4									
3	5	4									
4	5	4	<i>S by W</i>								
5	5	4									
6	5	4									
7	5	4									
8	5	4									
9	5	4	<i>S 1/2 W</i>								
10	5	4									
11	5	4									
12	5	4									
1	5	4									
										<i>Through the Day Fine steady breeze and cloudy weather</i>	
										<i>Current South 17 miles</i>	
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dib. Alt.	<i>513.8</i>	By Acct. Chron. Lunar.	<i>65 30 E</i>		Per Azimuth " Amplitude	<i>1 1/2 N. 1/2 E</i>
Miles distance per Log. <i>125</i>					Diff. Lat.	<i>2° 21'</i>	Diff. Long.	<i>13'</i>	Inches in the well.	Set of the current <i>1 1/2 N. 1/2 E</i>	<i>South</i>

Barb Star of Salem from Bombay to Zanzibar

11th DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. (Wat.)	SOUND-INGS.	OCCURRENCES	Tuesday June 25 th	1829		
1	5	4	S 3/4 W	W 1/2 S	1/4								
2	5	4											
3	5	4											
4	5	4											
5	5	4	South										
6	5	4											
7	5	4											
8	5	4											
9	5	4											
10	5	4	S 1/2 E										
11	5	4											
12	5	4											
1	6	5	South	W 1/2 S						Throughout This Day South Breezes and passing clouds. The wind inclining more South Westly.			
2	6	5											
3	5	4											
4	5	4											
5	5	4	S 1/2 E										
6	5	4											
7	5	4											
8	5	4											
9	5	4	S 1/2 E	S 1/2 W									
10	5	4											
11	5	4											
12	5	4								Current E 1/2 S 9 miles			
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.			BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dist. Alt.			By Acct. Chron. Lunar.				Per Azimuth,	
					3 03.4			65 56 East				" Amplitude,	3° Westly
Miles distance per Log.			130		Diff. Lat. 2° 12'			Diff. Long. 26'			Inches in the well.	Set of the current,	9 S 1/2 E 2.0

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES	Tuesday June 26 th	1829		
1	5	4	S 1/2 S	S 1/2 S	1/4	Incl. Part.				Commences with Squally, Rainy Weather.			
2	4	4											
3	3	4	South	W 1/2 S									
4	4	4											
5	4	4	S 1/2 S										
6	3	4											
7	3	4								Middle of Day Light Breezes and passing clouds			
8	4	4	S 1/2 S	W 1/2 S									
9	4	4											
10	4	4											
11	4	4											
12	4	4											
1	4	4	S 1/2 S							Terminates Third day of Boffling with pleasant weather.			
2	5	5											
3	5	5											
4	4	4	S 1/2 S	S 1/2 W									
5	5	5											
6	5	5											
7	4	4											
8	4	4											
9	4	4	S 1/2 S	S 1/2 W									
10	3	2											
11	2	2											
12	1	4								Current South 10 miles			
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.			BEARING & DISTANCE.	VARIATION	P. M. A. M.
					63.5			1. 47.4				Per Azimuth,	11° 10' Eastly.
					By Acct. Obs. Dist. Alt.			By Acct. Chron. Lunar.				" Amplitude,	
Miles distance per Log.					Diff. Lat.	1° 16'		Diff. Long.	1° 04'		Inches in the well.	Set of the current,	10 S. 1/2 E.

From Salem from Bombay

to Sanzilas

13th DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air/Wat.	SOUND- INGS.	OCCURRENCES
1	2	4	By E. S. W. N.	S. W. W.	1/2				Thursday June 27 th 1831
2	2	4							
3	2	4							
4	2	4							
5	2	4							
6	1	4	S. West	S. East					
7	1	4							
8	1	4	S. W. W.	S. E. W.					Thurs. on and this Day Fair
9	1	4							and calm pleasant weather
10	1	4							
11	1	4							
12	1	4	Calm						
1	1	4							
2	1	4	S. W. W.	S. E. W.					
3	1	4							
4	1	4							
5	1	4	S. W. E.						
6	1	4							
7	1	4	S. W. E.	S. E. W.					
8	1	4							
9	1	4							
10	1	4							
11	1	4							
12	1	4							

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.	
			By Acct. Obs. Duple. Alt.	135.4	By Acct. Chron. Lunar.	67 11 8	Per Azimuth, " Amplitude,	1/2 point
Miles distance per Log.		Diff. Lat.	12'	Diff. Long.	11'	Inches in the well.	Set of the current,	N.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air/Wat.	SOUND- INGS.	OCCURRENCES
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2
3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10
11	12	1	2	3	4	5	6	7	8
9	10	11	12	1	2	3	4	5	6
7	8	9	10	11	12	1	2	3	4
5	6	7	8	9	10	11	12	1	2</

Bark Star of Salem - from Bombay to Lanchibar

13th DAY
OF THE VOYAGE.

OF THE VOYAGE.												
H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES			
1									<i>Saturday June 29th 1839</i>			
2												
3												
4									<i>Commences Calm and pleasant</i>			
5												
6												
7												
8												
9												
10									<i>Middle & Latter Part</i>			
11												
12									<i>From 10 AM from North by S. pleasant</i>			
1	1		<i>South</i>	<i>N.W.</i>								
2	1											
3	1											
4	1											
5	4											
6	3	4										
7	2	4		<i>North</i>								
8	2											
9	1	4										
10	2											
11	2											
12	2	4										
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.	
					By Acct. Obs. Dble. Alt.	<i>10⁴ 42</i>			By Acct. Chron. Lunar,	<i>67²⁰ East</i>	Per Azimuth, " Amplitude,	<i>1/4 point</i>
Miles distance per Log.				Diff. Lat.	<i>23'</i>	Diff. Lon.		<i>00'</i>	Inches in the well.	Set of the current, <i>N 1/2 W</i>		

1st Day of Salem from Bombay towards Lonsibar 1st DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM.	SOUND.	OCCURRENCES.	1839
1	1		By S	SSW	1/4					
2	1		By West							
3	2		By W. N. W.							
4	2		By W. N. W.							
5	2		By W. N. W.							
6	1	4	By W. N. W.							
7	1	4	By W. N. W.							
8	2		By W. N. W.							
9	2		By W. N. W.							
10	2	11	By W. N. W.							
11	2	11	By W. N. W.							
12	3	4	By W. N. W.							
1	2		By W. N. W.							
2	3		By W. N. W.							
3	4		By W. N. W.							
4	11		By South	By West						
5	3		By South	By South						
6	2	4	By West	By S. E.						
7	3		By West	By S. E.						
8	3		By South	By S. E.						
9	5		By South	By S. E.						
10	5		By South	By S. E.						
11	5		By South	By S. E.						
12	5		By South	By S. E.						
Throughout This Day Squally, Rainy, Buggy weather, with Thunder & Lightning.										
No Observation										
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.		39° South		66246	22 Day	Per Azimuth, " Amplitude,	3° 30' Westing
Miles distance per Log.			Diff. Lat.	54'	Diff. Long.	28'	Inches in the well.	Set of the current,	N.	

1st Day from Bombay towards Lonsibar.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM.	SOUND.	OCCURRENCES.	1839
1	4		By South	By S. E.	1/4					
2	3		By South	By S. E.						
3	2	4	By South	By S. E.						
4	2	4	By South	By S. E.						
5	2	4	By South	By S. E.						
6	3		By South	By S. E.						
7	3		By South	By S. E.						
8	4		By South	By S. E.						
9	4		By South	By S. E.						
10	4		By South	By S. E.						
11	4		By South	By S. E.						
12	4		By South	By S. E.						
1	5		By South	By S. E.						
2	4		By South	By S. E.						
3	5		By South	By S. E.						
4	4		By South	By S. E.						
5	3		By South	By S. E.						
6	5		By South	By S. E.						
7	3		By South	By S. E.						
8	3		By South	By S. E.						
9	4		By South	By S. E.						
10	4		By South	By S. E.						
11	4		By South	By S. E.						
12	4		By South	By S. E.						
Throughout This Day Squally, Rainy, Buggy weather, with distant Thunder & Lightning.										
Lately for Indist. Obs. 1° 43' South Long. 65° 12' East										
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
4 West	90	62.5	By Acct. Obs. Dble. Alt.		142 S.		65246	23 Day	Per Azimuth, " Amplitude,	4° Westing
Miles distance per Log.			Diff. Lat.	63	Diff. Long.	64	Inches in the well.	Set of the current,	N.	

Barb "Star" of Salem from Bombay towards Madagascar 19th DAY OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES	Monday July 3 rd	1837	
1	4		N S W	South	4 1/2							
2	4									Commences with Squally, Rainy weather.		
3	4											
4	4											
5	4		S 1/4 W 1/2 W									
6	4											
7	4		S 1/4 W	S 1/4 E								
8	4	4										
9	4	4										
10	4									Middle Part fresh Breezes and cloudy weather. Took in Royals		
11	4									Morning More pleasant, Set all sail		
12	4											
1	4		S 1/4 W 1/2 W									
2	4											
3	4											
4	4											
5	4											
6	4	4	S 1/4 W							Terminates More Moderate & hazy		
7	4											
8	4											
9	4											
10	4											
11	4											
12	3	4								Current in 2 days N 3/4 W 21 miles		
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
S 63 W			112		By Acct. Obs. Dble. Alt.	33 3/4 2 34		By Acct. Chron. Lunar.	53 52 53 32 East		Per Azimuth, " Amplitude,	4 1/2 N. West
Miles distance per Log.					Diff. Lat.	52'		Diff. Lon.	1° 48'		Inches in the well.	Set of the current, 21 N. W. by N.

IL	K.	F.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES	Thursday July 4 th	1837.	
1	3	4	S. West	S 1/2 E	1/2					Commences with gentle breezes and passing showers.		
2	4											
3	4											
4	4											
5	4		S 1/4 W									
6	4											
7	4		S West							Midnight Squally Rainy weather. Took in Top Gallsails, & set top sail.		
8	4									At 3 Am. Very hard squalls, & fresh & strong and squally. Put down them.		
9	3		S 1/2 W	S East						Morning More pleasant. Set all top Gallsails. Went a new jib, & set main sail to repair it.		
10	4		S West	S 1/2 E								
11	5											
12	6		S 1/4 W							Terminates Moderate pleasant with a heavy irregular head sea. Set fore top Gallsails.		
1	4											
2	3	4										
3	4											
4	3	4	S 1/2 W									
5	4											
6	4											
7	3		S West									
8	3											
9	2	4	S 1/2 W									
10	2	4										
11	3									Current North 22 West 11 miles		
12	3											
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
S 56 W			83.	68.	By Acct. Obs. Dble. Alt.	33 1/2 3 31		By Acct. Chron. Lunar.	62 28 62 24		East	Per Azimuth, 4 1/2 N. West " Amplitude,
Miles distance per Log. 49					Diff. Lat.	47'		Diff. Long.	1° 08'		Inches in the well.	Set of the current, 11 N. W. by N.

Star of Salem from H. Embay to Madagascar 21st DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR/WAT.	SOUND- INGS.	OCCURRENCES.	Friday July 5 th	1839
1	4		S West	S.E. 6	12				Commence with Moderate Breezes and passing Clouds		
2	4								Wear the Main sail		
3	4								Wind fell till dark, we appeared to be passing over a bank of clouds. Should not judge that we may be to the left of the bank from the colour of the water.		
4	4								Middle of the bank. Squally. Light		
5	4								3. Set all sail and kept to port.		
6	4								Morning. More Moderate. Set all sail		
7	4								The water some discoloured		
8	4										
9	4										
10	4										
11	4										
12	4										
1	4										
2	4										
3	4										
4	4										
5	4										
6	4										
7	4										
8	4										
9	4										
10	4										
11	4										
12	4										
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			S 44 W	83	57.5	By Acct. Obs. Dib. Alt.	4 25 4 20	By Acct. Chron. Lunar.	61 26 East	Per Azimuth, " Amplitude,	4 2 West
			Miles distance per Log. 97		Diff. Lat. 59'	Diff. Long. 58'		Inches in the well.		Set of the current 14 M. E. & E.	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR/Wat.	SOUND- INGS.	OCCURRENCES.	1839
1	3		S 44 W	S.E. 6	14					Saturday July 6 th
2	3									
3	3									
4	3									
5	3									
6	3									
7	3	4								
8	4									
9	4	4	S 44 W	S.E. 6						
10	4	4								
11	4									
12	3									
1	3		S 44 W	S.S.E.						
2	3									
3	4	4	S 44 W							
4	4									
5	3		S 44 W							
6	3	4								
7	3	4								
8	3									
9	2	4	S 44 W							
10	2	4								
11	3									
12	3									
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.	BEARING & DISTANCE.	VARIATION P. M. A. M.
			S 50 W	84	63.3	By Acct. Obs. Dib. Alt.	3 14 3 14	By Acct. Chron. Lunar.	60 22 E	Per Azimuth, " Amplitude, 5 2 West
			Miles distance per Log. 71		Diff. Lat. 54'	Diff. Long. 64'		Inches in the well.		Set of the current, S. W. West

Barb Star of Salem from *Bombay* to *Madagascar* 25th DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	1839	
	3		White	SE	90°	inch. Fath.			Standing of July 7th		
1	4								Commenced with South Breeze		
2	5		W. S.	SE					light passing below us		
3	5								Occasional squally appearances		
4	5								John Reynolds, & John Gaffney		
5	5								Middle Port. Fresh Breeze & Bar		
6	5								Squalls of wind & Rain took in		
7	5								Top Sails.		
8	5										
9	5								Terminated Fine Breeze with		
10	5								a heavy head sea.		
11	5										
12	5										
1	5										
2	5										
3	5										
4	5										
5	5										
6	5										
7	5										
8	5										
9	5										
10	5										
11	5										
12	5										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
140 W			117	75.4	By Acct. Obs. Dble. Alt.	644	By Acct. Chron. Lunar.	59068		Per Azimuth, " Amplitude,	7° W
Miles distance per Log.			117	Diff. Lat.	90'	Diff. Long.	76'	Inches in the well.	Set of the current,	N.	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	1839	
1	5	4	<i>White</i>	<i>SE</i>	<i>90°</i>	inch. Fath.				<i>Monday July 8th</i>	
2	5	4									
3	5	4									
4	5	4									
5	5	4									
6	5	4									
7	5	4									
8	5	4									
9	5	4									
10	5	4									
11	5	4									
12	5	4									
1	5	4									
2	5	4									
3	5	4									
4	5	4									
5	5	4									
6	5	4									
7	5	4									
8	5	4									
9	5	4									
10	5	4									
11	5	4									
12	5	4									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
<i>157° W</i>			<i>164</i>	<i>137.</i>	By Acct. Obs. Dble. Alt.	<i>8148</i>	By Acct. Chron. Lunar.	<i>50456</i>		Per Azimuth, " Amplitude,	<i>9° West</i>
Miles distance per Log.			<i>126</i>	Diff. Lat.	<i>90'</i>	Diff. Long.	<i>137'</i>	Inches in the well.	Set of the current,	<i>43 m. W & S.</i>	

Track "Star" of Salem from Bombay towards Madagascar 25th DAY OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air-Wat.	SOUND-INGS.	OCCURRENCES.	Tuesday July 9 th	1839
1	5										
2	5										
3	5										
4	5										
5	5										
6	4										
7	4		S West								
8	4										
9	4										
10	4										
11	4										
12	4										
1	4		S West								
2	5										
3	4										
4	4		S West								
5	4										
6	4										
7	4		S West								
8	4										
9	4										
10	4										
11	4										
12	4										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
S 53 rd W			129	104.7	By Acct. 9 35 th 46"		By Acct. Chron. 53 02 6.4			Per Azimuth, 10 th West	
			Miles distance per Log. 106		D.R. Lat. 7.4		Diff. Long. 1. 46'		Inches in the well.	Set of the current 26.36 N. & S	

Throughout the Day Fine Breezes and the flying Clouds with a very heavy trade Wind, the vessel pitching heavy. At 9. Am I set up from the deck floor.

Current 14 y S 30 miles!

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air-Wat.	SOUND-INGS.	OCCURRENCES.	Wednesday July 10 th	1839
1	4										
2	4										
3	4										
4	4										
5	4		S West								
6	4										
7	4		S West S 4 y S								
8	4										
9	4										
10	4										
11	4										
12	4										
1	4		S West S								
2	4										
3	4										
4	4										
5	4		S West								
6	4										
7	4		S West S								
8	5										
9	5										
10	5										
11	5										
12	5										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
S 53 rd W			126	104.4	By Acct. 10 43 06"		By Acct. Chron. 53 17 6			Per Azimuth, 10 th West	
			Miles distance per Log. 107		D.R. Lat. 1. 15'		Diff. Long. 1. 45'		Inches in the well.	Set of the current 25.46 N	

Commenced Slight Breezes and pleasant weather

Middle of latter Part. Strong Breezes and frequent squalls. and the m. S. & g. sails. Very heavy head sea.

Current West 25 miles!

Dark Star

from Bombay

to Madagascar

27th
DAY
OF THE VOYAGE.

OF THE VOYAGE.												
H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES	Thursday July 11 th	1849	
1	4		SW by W	by 6/26	by 1/2							
2	4											
3	4											
4	4											
5	3	4										
6	3	4	SW by S	SE by E								
7	3	4										
8	3	4										
9	4											
10	4		SW by W	by 6/26								
11	4											
12	4											
1	3	4										
2	3	4										
3	4											
4	4											
5	4		SW by W	by 6								
6	3	4										
7	3	4										
8	3	4										
9	4		SW by W	by 6								
10	4											
11	4											
12	4											
Throughout this Day Fresh Breeze and Velocity nor rather with frequent squalls of wind & rain & heavy clouds & sea												
Sailed by an Offing at 1 P.M. of the 12 th 11° 33' South Lat & 51° 50' West Long Current West 14 miles												
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
S 61° W			102	89.	By Acct. Obs. Dble. Alt.	11° 33'		By Acct. Chron. Lunar,	51° 50'		Per Azimuth, " Amplitude,	4 point
Miles distance per Log.				Diff. Lat.	50'		Diff. Long.	90		Inches in the well.	Set of the current.	24 N. 1/2 E.

Throughout this Day Fresh Winds
and cloudy weather, with frequent
squalls of wind & rain & heavy
thunder.

Lat by an Alt. at 1 P.M. of the 12th
11° 33' South at Noon
Current West 14 miles

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES, Friday July 12 th 1849			
1	2	4	W by S	by 6	by 1/2				Throughout This Day Light Wind and Squally Rainy weather.			
2	3	4										
3	3	4	W by W									
4	4											
5	3	4	SW by W	by 6								
6	2	3										
7	3	4	SW	South								
8	4											
9	3	4	SW by S	by 6								
10	3	4										
11	3	4										
12	3	4										
1	2								Current N by S 1/2 W 20 miles			
2	2	4										
3	4											
4	4		SW by W									
5	4											
6	4											
7	3	4										
8	3	4										
9	4		SW by W	South								
10	4											
11	4											
12	4											
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
S 63 W.			98	88	By Acct. Obs. Dble. Alt.	12 17 S		By Acct. Chron. Lunar,	50 20		Per Azimuth, " Amplitude,	12 1/2 point
Miles distance per Log.				86	Diff. Lat.	44'		Diff. Long.	90'		Inches in the well.	Set of the current, 20 N. 1/2 E.

Throughout this Day Light Winds
and equally rainy weather.

Current N by W 20 miles

Part "Rac" from Bombay

to Madagascar

29th DAY
OF THE VOYAGE.

H.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMO. AIR. WAT.	SOUND- INGS.	OCCURRENCES	Saturday July 13 th 1839	
1	1		West	South						Commenced with fine W. Breezes and	
2	1		W. by N.							pleasant, Clouds.	
3	1		W. by N.							Set on a fair wind, S. by E. by N.	
4	1		W. by N.							S. by E. 15 miles, Cape St. Louis 20 miles, S. by E.	
5	1		W. by N.							for Cape St. Louis 20 miles, S. by E.	
6	1		W. by N.							for Cape St. Louis 20 miles, S. by E.	
7	1		W. by N.							for Cape St. Louis 20 miles, S. by E.	
8	1		W. by N.							for Cape St. Louis 20 miles, S. by E.	
9	1		W. by N.							for Cape St. Louis 20 miles, S. by E.	
10	1		W. by N.							for Cape St. Louis 20 miles, S. by E.	
11	1		W. by N.							for Cape St. Louis 20 miles, S. by E.	
12	1		W. by N.							for Cape St. Louis 20 miles, S. by E.	
1	2		W. by N.							for Cape St. Louis 20 miles, S. by E.	
2	2		W. by N.							for Cape St. Louis 20 miles, S. by E.	
3	2		W. by N.							for Cape St. Louis 20 miles, S. by E.	
4	2		W. by N.							for Cape St. Louis 20 miles, S. by E.	
5	2		W. by N.							for Cape St. Louis 20 miles, S. by E.	
6	2		W. by N.							for Cape St. Louis 20 miles, S. by E.	
7	2		W. by N.							for Cape St. Louis 20 miles, S. by E.	
8	2		W. by N.							for Cape St. Louis 20 miles, S. by E.	
9	2		W. by N.							for Cape St. Louis 20 miles, S. by E.	
10	2		W. by N.							for Cape St. Louis 20 miles, S. by E.	
11	2		W. by N.							for Cape St. Louis 20 miles, S. by E.	
12	2		W. by N.							for Cape St. Louis 20 miles, S. by E.	
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct.	125° 26'	By Acct.	47° 40'		Per Azimuth,	
					Obs. Alt.		Chron.			" Amplitude,	12° West
Miles distance per Log. 171			Diff. Lat.		Diff. Long.		Inches in the well.		Set of the current,		m.

H.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMO. AIR. WAT.	SOUND- INGS.	OCCURRENCES.	<i>Sunday July 14th 1839</i>	
1	5		<i>W by N</i>	<i>East</i>							
2	2		<i>W by N</i>	<i>South</i>							
3	2										
4	2		<i>S S W</i>	<i>West</i>							
5	4										
6	4										
7	4										
8	4										
9	4		<i>W by N</i>	<i>W by N</i>						<i>Throughout this Day Light</i>	
10	3									<i>Airs and pleasant weather</i>	
11	3		<i>W by N</i>	<i>West</i>							
12	3			<i>S. by E</i>							
1	4									<i>Capt Comant very sick</i>	
2	5										
3	5			<i>E N E</i>							
4	4										
5	4			<i>East</i>							
6	3			<i>E S E</i>							
7	2										
8	2			<i>East</i>							
9	2										
10	3		<i>S by W. N. by E</i>							<i>Running S 62 W 15 miles</i>	
11	3										
12	3										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
<i>S 39 W</i>			<i>93.</i>	<i>55.3</i>	By Acct.	<i>14° 03'</i>	By Acct.	<i>46° 54'</i>		Per Azimuth,	
					Obs. Alt.		Chron.			" Amplitude,	<i>12° W.</i>
Miles distance per Log. <i>82.</i>				Diff. Lat. <i>72'</i>	Diff. Long. <i>60'</i>		Inches in the well.		Set of the current, <i>15 m. S. by W.</i>		

Ward Star of Salem from Norway to Majunga

5 DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR. WATER.	SOUND- INGS.	OCCURRENCES.	Monday July 15th	1879
1	3		S by W	by E		Inch. Falls.					
2	2										
3											
4	1		S by W	N. by W							
5											
6	5	4									
7	5	4	S by W	N by S							
8	5	4									
9	5	4									
10	3		S by E								
11	3										
12	7		S by S	S by W							
1	7		S by S	S by W							
2	7										
3	7										
4	3	11	S by W	East							
5	6	11									
6	5										
7	5										
8											
9											
10											
11											
12											

Throughout this day Light S. and pleasant weather.
 At 3 P.M. commenced in S. by E. with light S. by E. and light S. by E.
 At 4 P.M. commenced in S. by E. and light S. by E.
 At 5 P.M. commenced in S. by E. and light S. by E.
 At 6 P.M. commenced in S. by E. and light S. by E.
 At 7 P.M. commenced in S. by E. and light S. by E.
 At 8 P.M. commenced in S. by E. and light S. by E.
 At 9 P.M. commenced in S. by E. and light S. by E.
 At 10 P.M. commenced in S. by E. and light S. by E.
 At 11 P.M. commenced in S. by E. and light S. by E.
 At 12 P.M. commenced in S. by E. and light S. by E.
 Capt. Conant very sick

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dole. Alt.	By Acct. Chron. Lunar.		Per Azimuth, " Amplitude,	
Miles distance per Log.		Diff. Lat.		Diff. Long.	Inches in the well.	Set of the current,	N.

Day	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR. WATER.	SOUND- INGS.	OCCURRENCES.	Day of	18
July 16th	3						Throughout the day pleasant weather. On the morning wind S. East.		
July 17th	3						At night S. East at night S. East. Pleasant. Capt. Conant sailing.		
July 18th	3						Very fast.		
July 19th	3						At 3 P.M. commenced in S. by E. and light S. by E. and light S. by E.		
July 20th	3						At 12 M. Capt. Conant walked his length. At 3 P.M. took his		
July 21st	3						Remains on shore & buried in the ground. The angle's first of graves		
July 22nd	3						with funeral services. Took from Mr. Marks five hundred		
July 23rd	3						dollars & dollars in cash sales.		
July 24th	3						Throughout the day pleasant weather. On the morning wind S. East & pleasant		
July 25th	3						At 12 M. Capt. Conant walked his length. At 3 P.M. took his		
July 26th	3						Remains on shore & buried in the ground. The angle's first of graves		
July 27th	3						with funeral services. Took from Mr. Marks five hundred		
July 28th	3						dollars & dollars in cash sales.		
July 29th	3						Throughout the day pleasant weather. On the morning wind S. East & pleasant		
July 30th	3						At 12 M. Capt. Conant walked his length. At 3 P.M. took his		
July 31st	3						Remains on shore & buried in the ground. The angle's first of graves		
August 1st	3						with funeral services. Took from Mr. Marks five hundred		
August 2nd	3						dollars & dollars in cash sales.		
August 3rd	3						Throughout the day pleasant weather. On the morning wind S. East & pleasant		
August 4th	3						At 12 M. Capt. Conant walked his length. At 3 P.M. took his		
August 5th	3						Remains on shore & buried in the ground. The angle's first of graves		
August 6th	3						with funeral services. Took from Mr. Marks five hundred		
August 7th	3						dollars & dollars in cash sales.		
August 8th	3						Throughout the day pleasant weather. On the morning wind S. East & pleasant		
August 9th	3						At 12 M. Capt. Conant walked his length. At 3 P.M. took his		
August 10th	3						Remains on shore & buried in the ground. The angle's first of graves		
August 11th	3						with funeral services. Took from Mr. Marks five hundred		
August 12th	3						dollars & dollars in cash sales.		

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dole. Alt.	By Acct. Chron. Lunar.		Per Azimuth, " Amplitude,	
Miles distance per Log.		Diff. Lat.		Diff. Long.	Inches in the well.	Set of the current,	N.

Barb. Star "Salmon" from Majunga to Larisdar

15 DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES, Monday July 22	18				
1	4		N. by W.	SE by S					Commences with Light and pleasant weather The drawing sail set At 11 P. M. the boat of Gannet and N. by E. in company. Middle & latter part fine breeze and pleasant weather					
2	4		N. by W.											
3	4		N. by W.											
4	5		N. by W.	SE by S										
5	5													
6	5													
7	5			SE										
8	5													
9	5													
10	5													
11	5													
12	5													
1	5	4												
2	6													
3	7													
4	7													
5	7													
6	7													
7	7													
8	7													
9	7													
10	7	11	N. N. W.	South										
11	8								Current West 2 1/2 miles					
12	8	4												
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.			BEARING & DISTANCE.	VARIATION	P. M. A. M.	
N 48 W.			154	114	By Acct. Obs. Dble. Alt.	1038 1/2			By Acct. Chron. Lunar,	41.21 E			Per Azimuth, " Amplitude,	13 1/2 West.
Miles distance per Log. 138					Diff. Lat.	1.45'			Diff. Long.	1.56'		Inches in the well.	Set of the current, 2 1/2 m.	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES, Tuesday July 23 rd 1839
1	7		N. N. W.	SE by E					Throughout this Day Gentle breeze and pleasant weather
2	7								
3	7								
4	7								
5	7								
6	7			SE					At 12 m. saw the Island of Monrovia bearing N. West dist 15 miles.
7	7								
8	7								
9	7								
10	7								
11	7								
12	7								
1	6		N. by West						
2	6								
3	6								
4	6								
5	6								
6	6		N. N. W.						
7	6								
8	5		N. N. W.						
9	5		N. N. W.						
10	5		N. N. W.						
11	4								
12	4								Current N. by West 2 1/2 miles

COURSE.		DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
N 29 W.		175.	54	By Acct. Obs. Dble. Alt.	8 06	By Acct. Chron. Lunar,	39 57 E		Per Azimuth, " Amplitude,	14 1/2 West.
Miles distance per Log. 150					Diff. Lat.	2 32'	Diff. Long.	55'	Inches in the well.	Set of the current, 9 m. N. E.

Sailing from Salem from Hingham to ...

5th DAY OF THE VOYAGE

IL	K.	P.	COURSES.	WINDS.	Lee Way.	Barom.	Thermom. Air.	Thermom. Water.	Sound-ings.	OCCURRENCES.	Month & Day	18th
1										Commences with Light Breeze	Month & Day	18th
2										and pleasant weather		
3										At 5 P.M. to part of Hingham		
4										Left port of Hingham for Salem		
5										Lat. 42. 40 N. Long. 70. 40 W.		
6										At 4.45 Saw Pt. Pema bearing N. by E.		
7										At 5.15 Part. South Breeze		
8										At 5.30 Part. South Breeze		
9										At 5.45 Part. South Breeze		
10										At 6.00 Part. South Breeze		
11										At 6.15 Part. South Breeze		
12										At 6.30 Part. South Breeze		
13										At 6.45 Part. South Breeze		
14										At 7.00 Part. South Breeze		
15										At 7.15 Part. South Breeze		
16										At 7.30 Part. South Breeze		
17										At 7.45 Part. South Breeze		
18										At 8.00 Part. South Breeze		
19										At 8.15 Part. South Breeze		
20										At 8.30 Part. South Breeze		
21										At 8.45 Part. South Breeze		
22										At 9.00 Part. South Breeze		
23										At 9.15 Part. South Breeze		
24										At 9.30 Part. South Breeze		
25										At 9.45 Part. South Breeze		
26										At 10.00 Part. South Breeze		
27										At 10.15 Part. South Breeze		
28										At 10.30 Part. South Breeze		
29										At 10.45 Part. South Breeze		
30										At 11.00 Part. South Breeze		
31										At 11.15 Part. South Breeze		
32										At 11.30 Part. South Breeze		
33										At 11.45 Part. South Breeze		
34										At 12.00 Part. South Breeze		
35										At 12.15 Part. South Breeze		
36										At 12.30 Part. South Breeze		
37										At 12.45 Part. South Breeze		
38										At 1.00 Part. South Breeze		
39										At 1.15 Part. South Breeze		
40										At 1.30 Part. South Breeze		
41										At 1.45 Part. South Breeze		
42										At 2.00 Part. South Breeze		
43										At 2.15 Part. South Breeze		
44										At 2.30 Part. South Breeze		
45										At 2.45 Part. South Breeze		
46										At 3.00 Part. South Breeze		
47										At 3.15 Part. South Breeze		
48										At 3.30 Part. South Breeze		
49										At 3.45 Part. South Breeze		
50										At 4.00 Part. South Breeze		
51										At 4.15 Part. South Breeze		
52										At 4.30 Part. South Breeze		
53										At 4.45 Part. South Breeze		
54										At 5.00 Part. South Breeze		
55										At 5.15 Part. South Breeze		
56										At 5.30 Part. South Breeze		
57										At 5.45 Part. South Breeze		
58										At 6.00 Part. South Breeze		
59										At 6.15 Part. South Breeze		
60										At 6.30 Part. South Breeze		
61										At 6.45 Part. South Breeze		
62										At 7.00 Part. South Breeze		
63										At 7.15 Part. South Breeze		
64										At 7.30 Part. South Breeze		
65										At 7.45 Part. South Breeze		
66										At 8.00 Part. South Breeze		
67										At 8.15 Part. South Breeze		
68										At 8.30 Part. South Breeze		
69										At 8.45 Part. South Breeze		
70										At 9.00 Part. South Breeze		
71										At 9.15 Part. South Breeze		
72										At 9.30 Part. South Breeze		
73										At 9.45 Part. South Breeze		
74										At 10.00 Part. South Breeze		
75										At 10.15 Part. South Breeze		
76										At 10.30 Part. South Breeze		
77										At 10.45 Part. South Breeze		
78										At 11.00 Part. South Breeze		
79										At 11.15 Part. South Breeze		
80										At 11.30 Part. South Breeze		
81										At 11.45 Part. South Breeze		
82										At 12.00 Part. South Breeze		
83										At 12.15 Part. South Breeze		
84										At 12.30 Part. South Breeze		
85										At 12.45 Part. South Breeze		
86										At 1.00 Part. South Breeze		
87										At 1.15 Part. South Breeze		
88										At 1.30 Part. South Breeze		
89										At 1.45 Part. South Breeze		
90										At 2.00 Part. South Breeze		
91										At 2.15 Part. South Breeze		
92										At 2.30 Part. South Breeze		
93										At 2.45 Part. South Breeze		
94										At 3.00 Part. South Breeze		
95										At 3.15 Part. South Breeze		
96										At 3.30 Part. South Breeze		
97										At 3.45 Part. South Breeze		
98										At 4.00 Part. South Breeze		
99										At 4.15 Part. South Breeze		
100										At 4.30 Part. South Breeze		
101										At 4.45 Part. South Breeze		
102										At 5.00 Part. South Breeze		
103										At 5.15 Part. South Breeze		
104										At 5.30 Part. South Breeze		
105										At 5.45 Part. South Breeze		
106										At 6.00 Part. South Breeze		
107										At 6.15 Part. South Breeze		
108										At 6.30 Part. South Breeze		
109										At 6.45 Part. South Breeze		
110										At 7.00 Part. South Breeze		
111										At 7.15 Part. South Breeze		
112										At 7.30 Part. South Breeze		
113										At 7.45 Part. South Breeze		
114										At 8.00 Part. South Breeze		
115										At 8.15 Part. South Breeze		
116										At 8.30 Part. South Breeze		
117										At 8.45 Part. South Breeze		
118										At 9.00 Part. South Breeze		
119										At 9.15 Part. South Breeze		
120										At 9.30 Part. South Breeze		
121										At 9.45 Part. South Breeze		
122										At 10.00 Part. South Breeze		
123										At 10.15 Part. South Breeze		
124										At 10.30 Part. South Breeze		
125										At 10.45 Part. South Breeze		
126										At 11.00 Part. South Breeze		
127										At 11.15 Part. South Breeze		
128										At 11.30 Part. South Breeze		
129										At 11.45 Part. South Breeze		
130										At 12.00 Part. South Breeze		
131										At 12.15 Part. South Breeze		
132										At 12.30 Part. South Breeze		
133										At 12.45 Part. South Breeze		
134										At 1.00 Part. South Breeze		
135										At 1.15 Part. South Breeze		
136										At 1.30 Part. South Breeze		
137										At 1.45 Part. South Breeze		
138										At 2.00 Part. South Breeze		
139										At 2.15 Part. South Breeze		
140										At 2.30 Part. South Breeze		
141										At 2.45 Part. South Breeze		
142										At 3.00 Part. South Breeze		
143										At 3.15 Part. South Breeze		
144										At 3.30 Part. South Breeze		
145										At 3.45 Part. South Breeze		
146										At 4.00 Part. South Breeze		
147										At 4.15 Part. South Breeze		
148										At 4.30 Part. South Breeze		
149										At 4.45 Part. South Breeze		
150										At 5.00 Part. South Breeze		
151										At 5.15 Part. South Breeze		
152										At 5.30 Part. South Breeze		
153										At 5.45 Part. South Breeze		
154										At 6.00 Part. South Breeze		
155										At 6.15 Part. South Breeze		
156										At 6.30 Part. South Breeze		
157										At 6.45 Part. South Breeze		
158										At 7.00 Part. South Breeze		
159										At 7.15 Part. South Breeze		
160										At 7.30 Part. South Breeze		
161										At 7.45 Part. South Breeze		
162										At 8.00 Part. South Breeze		
163										At 8.15 Part. South Breeze		
164										At 8.30 Part. South Breeze		
165										At 8.45 Part. South Breeze		
166		</										

Bark - Har
from London to Majunga

 1st DAY
OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	TEMPEROM. Aire. Wat.	SOUND- INGS.	OCCURRENCES.		
1	4		E by S	by E					Throughout This Day Light Breezes and pleasant weather		
2	4										
3	3		S by N								
4	3		S. S. N.	by East							
5	3										
6	4										
7	4										
8	4		East	by E							
9	4										
10	4		East	by S							
11	4										
12	3										
1	3								At 11. P.m. in the forenoon. Sp. wind, 22 miles dist. Current N. 23 W. 54 miles!		
2	3										
3	4		S by S	by S							
4	4										
5	4										
6	4										
7	4										
8	4		S East								
9	4										
10	4										
11	4		S by E	by N							
12	4										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acet. Obs. Dble. Alt.	637 S 148 "	By Acet. Chron. Lunar.	60 04 E 39 44 E	by S by E by S by E 23 miles dist.	Per Azimuth, " Amplitude,	1 point
Miles distance per Log. 91					Diff. Lat.	2 miles	Diff. Lon.		Inches in the well.	Set of the current, 5 miles	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES, Friday 10th August 1839	
1	3		Poly E	Poly S	12				Throughout This Day Light Fair and pleasant weather	
2	3									
3	2									
4	2		SE by E							
5	1									
6	2		East	SE by E						
7	3									
8	3									
9	4									
10	4									
11	4									
12	3									
1	3								At 1 P.M. the Island of Pemba bore from N. W. to N. E. by W. 8 miles	
2	4									
3	3									
4	4									
5	3									
6	3									
7	3									
8	3		SE by N	SE by S						
9	3									
10	4									
11	4									
12	4									
COURSE.		DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
N East				By Acet. Obs. Dble. Alt.	14 42 S	By Acet. Chron. Lunar.	40 53 E		Per Azimuth, " Amplitude,	12 North
Miles distance per Log. 73				Diff. Lat.	66'	Diff. Long.	69	Inches in the well.	Set of the current, 50 m. North	

from *Landed* to *Majunga*

3rd DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air/Wat.	SOUND- INGS.	OCCURRENCES.	Saturday 17 th May 1839	
1										Throughout this Day Gentle & Breezy and pleasant weather	
2											
3											
4											
5	3										
6	3										
7	4										
8	4										
9	4										
10	4										
11	4										
12	4										
1										No Current	
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.	
			By Acct. Obs. Alt.	43 32 43 33	By Acct. Chron. Lunar,	42 25 6			Per Azimuth, " Amplitude,	11 Westing	
Miles distance per Log. 91			Diff. Lat.	9	Diff. Long.	1. 22	Inches in the well.		Set of the current,	M.	

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air/Wat.	SOUND- INGS.	OCCURRENCES.	Sunday Day of 18 th May 1839	
1	3									Throughout this Day Light Breeze and pleasant weather	
2	3										
3	3										
4	3										
5	3										
6	3										
7	3										
8	4										
9	4										
10	4										
11	4										
12	4										
1										Current 1/2 N. 11 miles	
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.	
			By Acct. — Obs. Alt.	43 23 43 18	By Acct. Chron. Lunar,	43 34 6			Per Azimuth, " Amplitude,	11 " W.	
Miles distance per Log. 87			Diff. Lat.	17	Diff. Long.	1. 19	Inches in the well.		Set of the current	11 M. 1/2 N.	

Barb. Star

from *Lansitan* to *Najanza*

5th DAY
OF THE VOYAGE.

II.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR (Wat.)	SOUND- INGS.	OCCURRENCES.	Monday 13 th Aug 1851	12
1	3		<i>E by S</i>	<i>by E</i>	<i>1/2</i>						
2	3										
3	3										
4	3										
5	3										
6	3										
7	4										
8	4										
9	4										
10	5										
11	5										
12	5										
1	5										
2	5										
3	4										
4	4										
5	5										
6	6										
7	5										
8	5										
9	5										
10	5										
11	4										
12	4										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acet. Obs. Dble. Alt.	<i>105 1/2</i> <i>38 1/2</i>	By Acet. Chron. Lunar.	<i>45 07 6</i>		Per Azimuth, " Amplitude,	<i>11 1/2 West</i>
Miles distance per Log. <i>10.3</i>					Diff. Lat.	<i>25'</i>	Diff. Long.	<i>1° 33'</i>	Inches in the well.	Set of the current.	<i>15 1/2</i>

*Throughout This Day Moderate
Breezes and pleasant weather*

Current N. 41 W. 18 miles

II.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR (Wat.)	SOUND- INGS.	OCCURRENCES.	Tuesday 14 th Aug 1851	12
1	4		<i>S by E</i>	<i>by E</i>	<i>1/2</i>						
2	4										
3	4										
4	3										
5	4										
6	4										
7	4		<i>E by S</i>								
8	5										
9	4										
10	4		<i>S by E</i>	<i>by S</i>							
11	4										
12	3		<i>S by E</i>	<i>by E</i>							
1	3		<i>S by E</i>	<i>by E</i>							
2	3										
3	3										
4	4										
5	4										
6	4										
7	4										
8	4										
9	4										
10	4										
11	3										
12	3										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acet. Obs. Dble. Alt.	<i>105 1/2</i> <i>4 10 1/2</i>	By Acet. Chron. Lunar.	<i>144 2 6</i>		Per Azimuth, " Amplitude,	<i>11 1/2 West</i>
Miles distance per Log. <i>9.1</i>					Diff. Lat.	<i>49'</i>	Diff. Long.	<i>25'</i>	Inches in the well.	Set of the current.	<i>15 1/2</i>

*Throughout This Day Moderate
Breezes and pleasant weather*

Current 1. S 28 W 15 miles

7th Day Bait Sea from ~~Land~~ to ~~Sea~~ 7th DAY OF THE VOYAGE.

[illegible]

H.	K.	F.	COURSES.	WINDS.	LT. WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCE	
Thursday 22 August 1829										
1	1		by N. W. East	1/2						
2	3									
3	3									
4	3	11								
5	3		G. S. W.						Throughout this Day	
6	3								Moderate Breeze & passing clouds	
7	1		S. by W. variable							
8	1									
9	1									
10	1									
11	1									
12	1		S. by W.							
1	1									
2	1									
3	1									
4	1		S. by S. S. by S.							
5	1									
6	1									
7	1									
8	1									
9	1		G. S. S. East							
10	1									
11	1									
12	2								Current N 85 W. 1/2 miles	
COURSE.			DIST.	DEPART.	LATITUDE.	LONGITUDE.		BEARING & DISTANCE.	VARIATION	N. M. A. M.
					By Acet. Obs. Dole. Alt.	2 33 32	By Acet. Chron. Lunar.	10 13	Per Azimuth, " Amplitude,	10° 1/2 w. 1/2
Miles distance per Log.					93	Diff. Lat.	91'	Diff. Long.	27'	Inches in the well.
								Set of the current,	N 1/2 E 1/2	

Dark "Car of Helen from Langitan

towards Majunga

9th DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.		
Friday Day August 23 ^d 1854											
1	3		<i>S. by W. by S</i>	<i>1/2</i>							
2	5										
3	5	4									
4	5		<i>S 1/2 W.</i>	<i>1/4 E</i>							
5	5										
6	4										
7	5	11									
8	6		<i>Wind</i>	<i>SE</i>							
9	7										
10	7										
11	7										
12	6	11									
1	5		<i>S 1/2 W. by E</i>	<i>1/2 E</i>							
2	5										
3	5	4									
4	5	11									
5	5										
6	5										
7	4	11									
8	4	11									
9	6	11	<i>S. by W.</i>								
10	6	11									
11	5		<i>Sky W</i>								
12	3	4									
<i>Commences with Light Variable and equally a breeze. Took in Loyal & Flying Sails. At 5 New Pleasant & Soft. Then at 11 Middle Part of fine Breeze and passing Clouds. Terminates Light Breeze and pleasant weather. Current West 21 miles</i>											
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	93.38 ²⁶	By Acct. Chron. Lunar,	43.22.6		Per Azimuth, " Amplitude,	11. W. 1/2 S. 6.
Miles distance per Log. 128.					Diff. Lat.	126'	Diff. Lon.	21'	Inches in the well.	Set of the current.	21" West

Commences with Light Breeze
and gradually a breeze
settles in Royal & Flying Sails
W. S. Mac pleasant & off the day
Middle Distance Breezes in
passing Cloudy

Terminates Light & Breeze
and pleasant weather

Current West 21 miles

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOOND- INGS.	OCCURRENCES,		
1	3	4	S. by E.	E. by S.	1/2						
2	3	11									
3	3	11									
4	3	11									
5	2	11									
6	2	11									
7	2		S. West in S. E.						Throughout This Day		
8	2		N. W. S. E.						Light Air and pleasant weather		
10	3	11	S. by N. W. by S.								
12	2	4	S. by N.								
1	2	4									
2	3		South S. E.								
3	3										
4	3		S. by N.								
5	2	4									
6	3		S. W. by S.								
7	4										
8	3	4	S. W. by N. by E.								
9	2	4									
10	2	11							Current N. by S. 20 miles		
11	3	4									
12	3	4									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	10.41.2 10.48	By Acct. Chron. Lunar,	42.28.6		Per Azimuth, " Amplitude,	13 West.
Miles distance per Log.			71.	Diff. Lat.	70'	Diff. Long.	54'	Inches in the well.	Set of the current	30" West	

Throughout This Day
Light Breeze and pleasant weather

Current W. 3/4 S. 20 miles

Journal of Salem from *Lansdon* to *Napjingo* *11th* DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air, Wat.	SECUND- INGS.	OCCURRENCES
1	5		<i>W. 1/2 N</i>	<i>SE 1/2 E</i>	<i>12</i>				<i>Throughout this Day & Night A. breeze and pleasant weather</i>
2	3								
3	11								
4	11								
5	2								
6	2								
7	3								
8	3								
9	3								
10	3								
11	4								
12	5								
1	5		<i>W. 1/2 N</i>						<i>Current W 1/4 S 50 miles</i>
2	3								
3	11								
4	11								
5	11								
6	11								
7	11								
8	11								
9	11								
10	5								
11	5								
12	5								

COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. — Obs. — Dble. Alt.	12 1/2 3/4 12 23 3/4	By Acct. — Chron. — Lunar, —	40 56 6		Per Azimuth, " Amplitude,	14 1/2 miles
Miles distance per Log. 94			Diff. Lat.	67'	Diff. Long.	92'	Inches in the well.	Set of the current 50 1/2	

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air, Wat.	SECUND- INGS.	OCCURRENCES
1	5		<i>W. 1/2 N</i>	<i>SE 1/2 E</i>	<i>12</i>				<i>Throughout this Moderate Breezes and pleasant weather At 6 Am Saw the Land, at 10 Saw bearing N. 1/2 W. 10 miles</i>
2	5								
3	5								
4	5								
5	11								
6	3								
7	5								
8	11								
9	4								
10	4								
11	11								
12	11								
1	3		<i>W. 1/2 N</i>						<i>Current S 52 W 30 miles</i>
2	3								
3	2								
4	2								
5	2								
6	2								
7	3								
8	5								
9	5								
10	5								
11	5								
12	5								

COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	12 15 30 12 26 00	By Acct. Chron. Lunar,	40 56 E		Per Azimuth, " Amplitude,	14 1/2
Miles distance per Log. 95			Diff. Lat.	33'	Diff. Long.	—	Inches in the well.	Set of the current,	30 1/2

Barb Hair Palm from Lonsitan to Majunga

13th DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES
1	3		<i>ENE 6 1/2</i>						<i>Tuesday Aug 27th 1839</i>
2	3								
3	3								
4	4								
5	4								
6	4								
7	3		<i>ENE 6</i>						
8	2								
9	2		<i>ENE 6</i>						
10	1		<i>E 6</i>						
11	3		<i>E 6</i>						
12	2		<i>E 6</i>						
1	2								
2	2								
3	2		<i>ENE 6</i>						
4	2		<i>ENE 6</i>						
5	2		<i>ENE 6</i>						
6	2		<i>ENE 6</i>						
7	3		<i>ENE 6</i>						
8	3		<i>ENE 6</i>						
9	3		<i>ENE 6</i>						
10	3		<i>ENE 6</i>						
11	3		<i>ENE 6</i>						
12	3		<i>ENE 6</i>						
<p><i>Throughout This Day Light Air and Pleasant. At Day light saw the land to the Southward of Tomba Bay.</i></p> <p><i>Current E by N. 32 miles</i></p>									
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION
			By Acct. Obs. Dble. Alt.	<i>13 57 1/2</i>	By Acct. Chron. Lunar,	<i>40 54 E</i>			Per Azimuth, " Amplitude,
Miles distance per Log. <i>64</i>			Diff. Lat.	<i>41'</i>	Diff. Lon.	<i>2'</i>	Inches in the well.	Set of the current, <i>32 N. 1/2 E</i>	

H.	K.	F.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES
1	2	11	<i>E 6</i>	<i>NE 6 1/2</i>					<i>Wednesday Aug 28th 1839</i>
2	2	4							
3	2	4							
4	2	4							
5	3	4	<i>E 6</i>	<i>NE 6</i>					
6	3	4							
7	2	4							
8	3	4							
9	4	4							
10	4	4							
11	4	4							
12	4	4							
1	4	4							
2	4	4							
3	4	4							
4	4	4							
5	5	5							
6	5	5							
7	5	5							
8	5	5							
9	5	5							
10	4	4							
11	4	4							
12	4	4							
<p><i>Commenced with Light Breezes and pleasant weather</i></p> <p><i>Middle Part The Same</i></p> <p><i>Morning Fresh Breezes and Squally rainy weather heavy sea</i></p> <p><i>Terminates More pleasant.</i></p> <p><i>Current N 22 E 8 miles</i></p>									
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION
			By Acct. Obs. Dble. Alt.	<i>13 14 1/2</i>	By Acct. Chron. Lunar,	<i>42 35 E</i>			Per Azimuth, " Amplitude,
Miles distance per Log. <i>96</i>			Diff. Lat.	<i>2'</i>	Diff. Long.	<i>101'</i>	Inches in the well.	Set of the current, <i>8 N. 1/2 E</i>	

From *San Pedro* from *San Pedro* to *Majunga*

15th DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LET. WAY.	BAROM.	THERMOM. AIR/WAT.	SOUND-ING.	OCCURRENCES.		
1	1	1	East	SW	12				Thursday August 29 th 1839		
2	1	1									
3	1	1									
4	1	1									
5	1	1	East	SW							
6	1	1									
7	1	1	SW	E							
8	1	1									
9	1	1	East						Throughout this Day: Fine.		
10	1	1							Breeze and pleasant weather		
11	1	1	SW	E					A heavy heady sea.		
12	1	1									
1	1	1	SW	E							
2	1	1									
3	1	1									
4	1	1	SW	E							
5	1	1	SW	E							
6	1	1	SW	E							
7	1	1									
8	1	1	East	SW							
9	1	1									
10	1	1	SW	E							
11	1	1									
12	1	1							Current S by N 13 miles		
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
4666			100	91.4	By Acet. Obs. Dist. Alt.	133.54	By Acet. Chron. Lunar.	4409 E		Per Azimuth, " Amplitude	14° West
Miles distance per Log. 109					Diff. Lat. 41'	Diff. Long. 1.34'		Inches in the well.		Set of the current 13 m. S. by W.	

H.	K.	F.	COURSES.	WINDS.	LET. WAY.	BAROM.	THERMOM. AIR/WAT.	SOUND-ING.	OCCURRENCES, Friday Day & August 30 th 1839	
1	2	1	SW	W	12					
2	2	1								
3	2	1								
4	2	1	SW	W					Commences with Light Air and pleasant weather	
5	2	1	SW	W						
6	2	1	SW	W						
7	2	1	SW	W						
8	2	1								
9	2	1								
10	2	1							Middle Part Fresh Breeze and fluky, carried away, flying Clouds.	
11	2	1							Johnn Royals.	
12	2	1								
1	2	1								
2	2	1								
3	2	1	East	SW					Terminates Light Air and pleasant weather	
4	2	1	SW	E						
5	2	1	SW	E						
6	2	1	SW	E						
7	2	1	SW	E						
8	2	1	SW	E						
9	2	1	SW	E						
10	2	1								
11	2	1								
12	2	1							Current 104 S 29 miles	
COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
			By Acet. Obs. Dist. Alt.	144.45	By Acet. Chron. Long.	4434 E			Per Azimuth, " Amplitude,	17° 16'
Miles distance per Log. 94		Diff. Lat. 57'	Diff. Long. 23'		Inches in the well.		Set of the current 29 m. S. by W.			

Dark Star of Salem from Landed

10th DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-ING.	OCCURRENCES.
1									14th DAY OF THE VOYAGE.
2									15th DAY OF THE VOYAGE.
3									16th DAY OF THE VOYAGE.
4									17th DAY OF THE VOYAGE.
5									18th DAY OF THE VOYAGE.
6									19th DAY OF THE VOYAGE.
7									20th DAY OF THE VOYAGE.
8									21st DAY OF THE VOYAGE.
9									22nd DAY OF THE VOYAGE.
10									23rd DAY OF THE VOYAGE.
11									24th DAY OF THE VOYAGE.
12									25th DAY OF THE VOYAGE.
1									26th DAY OF THE VOYAGE.
2									27th DAY OF THE VOYAGE.
3									28th DAY OF THE VOYAGE.
4									29th DAY OF THE VOYAGE.
5									30th DAY OF THE VOYAGE.
6									31st DAY OF THE VOYAGE.
7									1st DAY OF THE VOYAGE.
8									2nd DAY OF THE VOYAGE.
9									3rd DAY OF THE VOYAGE.
10									4th DAY OF THE VOYAGE.
11									5th DAY OF THE VOYAGE.
12									6th DAY OF THE VOYAGE.
<p>By Acct. Obs. Dble. Alt. 1534.29 By Acct. Chron. Lunar 1538.6</p>									
<p>Miles distance per Log. 86 Diff. Lat. 53' Diff. Long. 49' Inches in the well. Set of the current, m.</p>									

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-ING.	OCCURRENCES.
1									15th DAY OF THE VOYAGE.
2									16th DAY OF THE VOYAGE.
3									17th DAY OF THE VOYAGE.
4									18th DAY OF THE VOYAGE.
5									19th DAY OF THE VOYAGE.
6									20th DAY OF THE VOYAGE.
7									21st DAY OF THE VOYAGE.
8									22nd DAY OF THE VOYAGE.
9									23rd DAY OF THE VOYAGE.
10									24th DAY OF THE VOYAGE.
11									25th DAY OF THE VOYAGE.
12									26th DAY OF THE VOYAGE.
1									27th DAY OF THE VOYAGE.
2									28th DAY OF THE VOYAGE.
3									29th DAY OF THE VOYAGE.
4									30th DAY OF THE VOYAGE.
5									31st DAY OF THE VOYAGE.
6									1st DAY OF THE VOYAGE.
7									2nd DAY OF THE VOYAGE.
8									3rd DAY OF THE VOYAGE.
9									4th DAY OF THE VOYAGE.
10									5th DAY OF THE VOYAGE.
11									6th DAY OF THE VOYAGE.
12									7th DAY OF THE VOYAGE.
<p>By Acct. Obs. Dble. Alt. 1534.29 By Acct. Chron. Lunar 1538.6</p>									
<p>Miles distance per Log. 86 Diff. Lat. 53' Diff. Long. 49' Inches in the well. Set of the current, m.</p>									

1856 "Star" from Majunga towards the States 15 DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUNDINGS.	OCCURRENCES.		
1				SW					Friday Sept 6th 1839		
2									Commences with Light Breeze		
3									and pleasant weather		
4											
5											
6									At 2.45 P.M. Light breeze		
7			N. E. E. S. Force						with on 4th tide got a sail of W. wind		
8									halting Day		
9			N. N. W. SW						At 6.45 P.M. Force breeze		
10									to the sea breeze from South		
11									Modestly Dark Light Breeze		
12									Set of the current steady		
1			W. S. South						Terminates at before 4 o'clock		
2									(The last new Draw forward 9 feet		
3			SE						to 4 ft 9 3/4 inches; which we		
4									consider as the best sailing time)		
5											
6											
7											
8											
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12											
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
						By Acet. Obs. Dble. Alt.	1528.8	By Acet. Chron. Lunar.	1505	Per Azimuth, " Amplitude,	14 West
			Miles distance per Log. 79		Diff. Lat.		Diff. Long.		Inches in the well.	Set of the current, N.	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air/Wat.	SOUND- INGS.	OCCURRENCES	DATE	1839
1	2		SW	N. N. W. 3/4					Throughout this Day Moderate	October	1839
2	3								Breeze and pleasant weather		
3	3										
4	4		S. West	N. N. W.							
5	4										
6	4										
7	4										
8	4										
9	5										
10	5										
11	5										
12	5										
1	4		N. W. S.	SW							
2	4										
3	4										
4	5										
5	5										
6	5										
7	5										
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9	5										
10	5										
11	5										
12	5										
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
						By Acet. Obs. Dble. Alt.	1528.8	By Acet. Chron. Lunar.	1505	Per Azimuth, " Amplitude,	15 West
			Miles distance per Log. 106		Diff. Lat.	12	Diff. Long.	1°43'	Inches in the well.	Set of the current, 1/2 N. N. W.	

Barth's Star of Salem from Madagascar towards U. States Oct 3 DAY
OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMOM. Air, (Wat.	SOUND- INGS.	OCCURRENCES.	1857	
1	4	11	11/4 N	Light S	1/2				Throughout This Day Brisk & Breezy & pleasant.		
2	4	11									
3	4	11									
4	4	11									
5	4	11									
6	4	11									
7	4	11	SW S								
8	4	11									
9	4	11									
10	4	11									
11	4	11									
12	4	11									
1	5	11	W S	Wind					Current W 5 mi (35 miles)		
2	5	11									
3	4	11									
4	5	11	W S	Sh. W							
5	5	11									
6	5	11									
7	5	11									
8	5	11									
9	4	11	W S								
10	4	11									
11	4	11									
12	4	11									
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
						By Acct.	15 25 50	By Acct.	1055	Per Azimuth,	16 1/2 N
						Obs. Alt.	15 16	Chron. Lunar,		" Amplitude,	
			Miles distance per Log. 112			Diff. Lat.		Diff. Lon. 2 26	Inches in the well.	Set of the current 3 50 N	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM. Inch. Paris.	THERMOM. Air, (Wat.	SOUND- INGS.	OCCURRENCES.	Monday Sept 19th	1839							
1	4		W. S. W.	1/4 N. E.														
2	4																	
3	4																	
4	4																	
5	3		W. S. W.															
6	3																	
7	4		W. S. W.															
8	4																	
9	4																	
10	3	4																
11	3	4																
12	3	4																
1	4		W. S. W.															
2	4																	
3	4																	
4	4		W. S. W.															
5	4																	
6	4																	
7	4																	
8	3	4	W. S. W.															
9	3	4																
10	1	1																
11	1	1																
12	1	1																
<p>Throughout This Day & Night Breezes and pleasant weather with a mounting sea.</p> <p>At 12.30 P. M. Made the Land to the Southward of Madagascar.</p> <p>At 3. P. M. the bearing on Nazarene Shoal</p> <p>Current S. by E. 4 miles</p>																		
COURSE.			DIST.		DEPART.		LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION		P. M. A. M.			
							By Acct. Obs. Alt.		17 04 50		By Acct. Chron. Lunar,		40 10 6		Per Azimuth, " Amplitude,		16 1/2 N	
Miles distance per Log. 81							Diff. Lat.		1 48		Diff. Long.		14 46		Inches in the well.		Set of the current, 6 1/2 N	

Part. Has returned from Madagascar - collected water of 3rd DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND- INGS.	OCCURRENCES.	Time, Day of	1857	
1	1		South	NE W 1/2					Commenced with Light Breeze the calm, with a confused foggy, passing clouds.	Tuesday Sept 10th		
2	1											
3												
4												
5												
6												
7			Calin						Middle of the same			
8												
9												
10	2		West	SE								
11	1											
12	1		Calin									
1	2											
2	2		"						Terminated with Light Breeze and passed the after the sea much smoother			
3	2 1/4		West									
4	1 1/4											
5	1 1/4											
6	1 1/4											
7	1 1/4											
8	1 1/4											
9	1 1/4		SE by N. East									
10	1 1/4											
11	1 1/4		East									
12	1 1/4								General East 3 miles			
			COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
						By Acct. Obs. Dble. Alt.	1826.5	By Acct. Chron. Lunar.	1057.6		Per Azimuth, " Amplitude,	18° West
			Miles distance per Log.		56	Diff. Lat.	1° 22'	Diff. Long.	10'	Inches in the well.	Set of the current, 3 M. E. Can.	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air/Wat.	SOUND. 1565.	OCCURRENCES.	Time, Day of Sept 11th	1857
1	1		S. by E. N. East							Thoroughly & this Day Light Airs of pleasant weather	
2	3										
3	2										
4	1										
5											
6			S. by E. S. West								
7	1										
8	"										
9	"										
10	3										
11	2		S. by E. S. by S								
12	4										
1	3										
2	3										
3	3										
4	4		S. by E. S. by S								
5	1										
6	1										
7	1										
8	4										
9	4		S. by E. S. by S								
10	3										
11	2										
12	2										
1	2										

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt. 19 42.6	By Acct. Chron. Lunar. 40 16		Per Azimuth, " Amplitude, 20	West
Miles distance per Log.			Diff. Lat. 0. 41'	Diff. Long. 34'	Inches in the well.	Set of the current	20 M. N. N. N.

Work Star from Madagascan to United States

DAY
OF THE VOYAGE.

OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES, <i>hourly</i>	18-																										
1	2			<i>By W. & East</i>																																
2	2																																			
3	2			<i>A East</i>																																
4	2																																			
5	2 4			<i>N E</i>																																
6	2 4			<i>N West</i>																																
7	1																																			
8	1																																			
9																																				
10	2			<i>N E</i>																																
11	2 4			<i>N E</i>																																
12	2 4																																			
1				<i>Calu 1/2 E</i>																																
2	2 4																																			
3	2 4			<i>N E & East</i>																																
4	2 4																																			
5	2 4																																			
6	2 4																																			
7	2 4																																			
8	2 4			<i>By W. & East</i>																																
9	2 4																																			
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12	2 4																																			
<table border="1"> <thead> <tr> <th>COURSE.</th><th>DIST.</th><th>DEPART.</th><th>LATITUDE.</th><th>LONGITUDE.</th><th>BEARING & DISTANCE.</th><th>VARIATION</th><th>P. M. A. M.</th></tr> </thead> <tbody> <tr> <td></td><td></td><td></td><td>By Acct. Obs. Alt.</td><td>19.40</td><td>By Acct. Chron. Lunar</td><td>39.40 E</td><td>Per Azimuth, " Amplitude,</td><td>20 West</td></tr> <tr> <td colspan="3">Miles distance per Log. 53</td><td>Diff. Lat.</td><td>Diff. Lon.</td><td>Inches in the well.</td><td>Set of the current,</td><td>N.</td></tr> </tbody> </table>										COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.				By Acct. Obs. Alt.	19.40	By Acct. Chron. Lunar	39.40 E	Per Azimuth, " Amplitude,	20 West	Miles distance per Log. 53			Diff. Lat.	Diff. Lon.	Inches in the well.	Set of the current,	N.		
COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.																													
			By Acct. Obs. Alt.	19.40	By Acct. Chron. Lunar	39.40 E	Per Azimuth, " Amplitude,	20 West																												
Miles distance per Log. 53			Diff. Lat.	Diff. Lon.	Inches in the well.	Set of the current,	N.																													

*Throughout This Day
Light & Breezy Calm
very pleasant weather
No Am.
No Current*

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES,	Friday	1839
1	3			N E							
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Throughout this Day Light Breeze calm and pleasant weather											
Anchored 17th 32 miles											
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31st											
1st											
2nd											
3rd											
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16th											
17th											
18th											
19th											
20th											
21st											
22nd											
23rd											
24th											
25th											
26th											
27th											

with *Wai* from *Nadagascar* *United States* *DAY*
 of THE VOYAGE. *Saturday May 11 1839*

H.	K.	F.	COURSES.	WINDS.	LET. WAY.	BAROM.	THERMOM.	SOUND.	OCCURRENCES.
					ach. Fath.		Air/Wat.	INGS.	
1	1		<i>Light N.E.</i>						
2	1								
3	1								
4	1								
5	1								
6	1								
7	1								
8	1								
9	1								
10	1								
11	1								
12	1								
1	2								
2	2								
3	2								
4	2								
5	2								
6	2								
7	2								
8	2								
9	2								
10	2								
11	2								
12	2								

*Throughout this Day
 Gentle Breeze and pleasant
 weather*

Current S. by E. 19 miles

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	By Acct. Chron. Lunar.		Per Azimuth, " Amplitude,	
			<i>21 13'</i> <i>21 52'</i>	<i>38 24'</i>		<i>21 1/2'</i>	
Miles distance per Log. <i>13</i>			Diff. Lat. <i>52'</i>	Diff. Long. <i>36'</i>	Inches in the well.	Set of the current <i>19 miles</i>	

H.	K.	F.	COURSES.	WINDS.	LET. WAY.	BAROM.	THERMOM.	SOUND.	OCCURRENCES.
					ach. Fath.		Air/Wat.	INGS.	
1	1		<i>N.W.</i>	<i>N.East</i>					
2	1								
3	1								
4	1								
5	1								
6	1								
7	1								
8	1								
9	1								
10	1								
11	1								
12	1								
1	2								
2	2								
3	2								
4	2								
5	2								
6	2								
7	2								
8	2								
9	2								
10	2								
11	2								
12	2								

*Throughout this Day
 Fine Breeze & pleasant weather*

Current S. by E. 16 miles

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	By Acct. Chron. Lunar.		Per Azimuth, " Amplitude,	
			<i>20 44'</i> <i>22 52'</i>	<i>36 58'</i>		<i>22 1/2'</i>	
Miles distance per Log. <i>159</i>			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current <i>10 m.</i>	

Bark Star from *Madagascar* to *United States* 15 DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, (Wat.)	SOUND- INGS.	OCCURRENCES.
1	6	1	<i>S.W. 1/4</i>	<i>E. 1/2 S</i>					<i>Monday Sept 4th 1837</i>
2	6								
3	5	4							
4	4								
5	5			<i>S. East</i>					
6	5			<i>S. by S</i>					
7	6								
8	1								
9	5								
10	8								<i>Throughout This Day</i>
11	8								<i>Fine breeze and pleasant weather</i>
12	5								
1	1			<i>S. East</i>					
2	1								
3	6	4							
4	6	4							
5	6	4							
6	6	4							
7	6	4							
8	6	4							
9	6	4	<i>S.W. 1/4</i>						<i>Sea in 2 H. abate</i>
10	5								
11	5								
12	5								<i>Current 119 S. 20 miles</i>

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.	
			By Acct. Obs. Diac. Alt.	25 15 24	By Acct. Chron. Lunar,	35 17 East	Per Azimuth, " Amplitude,	24° West
Miles distance per Log. 157			Diff. Lat. 2° 20'	Diff. Lon. 1° 21'	Inches in the well.	Set of the current, 20 m. W.		

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, (Wat.)	SOUND- INGS.	OCCURRENCES.
1	5	1	<i>S.W. 1/4</i>	<i>E. 1/2 S</i>					<i>Tuesday Sept 5th 1837</i>
2	5								
3	5								
4	5								
5	4								
6	4								
7	4			<i>S. by S</i>					
8	4								
9	4								
10	5	1							<i>Throughout This Day</i>
11	6								<i>Entire Breezes and falling Clouds</i>
12	6								
1	6	4		<i>S. East</i>					
2	6	4							
3	6								
4	6								
5	5								
6	5								
7	5								
8	4	1	<i>S. 1/2 W</i>	<i>N. E.</i>					
9	4			<i>North</i>					
10	3	4		<i>S. by S</i>					
11	2	4							
12	2								<i>Current S. West. 33 miles</i>

COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	26 59 20	By Acct. Chron. Lunar,	33 56		Per Azimuth, " Amplitude,	28 7/16
Miles distance per Log. 115			Diff. Lat.	2° 07'	Diff. Long.	1° 21'	Inches in the well.	Set of the current, 33 M.	

North Kai'apaluu from Madagascar to United States

13th DAY
OF THE VOYAGE.

HL	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM.	SOUND.	Occurrence	Wednesday Day Sept 18th	1839			
					inch. Fath.	Air.	Water.							
1			West	W. by N		30.20			Conspicuous with Light Breezes and raging clouds At 11 P.M. Took in Sturdy Sails					
2	1													
3														
4														
5														
6			Calam						Middle Part Calm with heavy gathering clouds & lightning at 8 P.M. At a heavy breeze from E					
7														
8														
9														
10														
11			W by N	W by N					Striving Light Breezes & rising spirit morning					
12														
1	2													
2	3													
3	3													
4	3		W by N	E East					Terminated Calm & foggy with a heavy swell from S.W. & S.W. by E					
5	3													
6	3													
7	3													
8	3													
9			Calam						Current 1/2 N. 1/2 W. 40 miles (Indiff. Obs'n.)					
10														
11														
12														
COURSE.					DIRT.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. N.	
					By Acct. Obs. Dist. Alt.			29 25	By Acct. Chron. Lunar,	33 23		Per Azimuth, " Amplitude,	29 25	
Miles distance per Log.					26	Diff. Lat.	60'	Diff. Long.	403'	Inches in the well.		Set of the current,	18 N. 2	

H.	K.	F.	COURSES.	WINDS.	LEE Wat.	BAROM.	THERMOM. Air. Wat.	SOON- INGS.	OCCURRENCE	Hour.	Day of Month.	Year.
1	4		N.W. by N.	N.W. by N.	1/2	30.11			Commencing Light Breeze & clear with a strong breeze from the Westward At 1 P.M. Set Sail for St. John's Middle Port Sailing. Rainy weather with a light breeze at the Westward Set in Light Sail. At 3 P.M. Double Reefed Top Sails and a partial Mainmast. Morning. More Moderate Set Main- Sail and let on. Set from the Top Sail Storm also strong. Breeze on a cloudy Rainy weather.		Sept 19th	189
2	4					30.10						
3	4											
4	4											
5	4		N.W. by N.									
6	4	14										
7	4	14										
8	4	14	N.W. by N.	N.W. by N.								
9	4	14										
10	4	14										
11	4	14										
12	4	14										
1	6		N.W. by N.		2 p.m.	30.03						
2	6											
3	6											
4	6		N.W. by N.	N.W. by N.								
5	6											
6	6											
7	6					30.00						
8	6											
9	6		N.W. by N.	N.W. by N.								
10	6											
11	6											
12	6					30.00						
										Sad. differenc Obs.:		
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	29° 50' 10" 29° 50' "	By Acct. Chron. Lunar.	33 10 E	1 Day	Per Azimuth, " Amplitude,	30. West	
Miles distance per Log.					99	Diff. Lat.	1° 25'	Diff. Long.	03'	Inches in the well.	Set of the current,	N.

Barb Star

from *Madagascar* to *United States*

15th DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	Friday Sept 20 th	1879
1	3	4	W. by E.	W. by N.		30.00					
2	3	4									
3	3	4									
4	3	4									
5	3	4	W. by N.	W. by N.							
6	3	4									
7	3	4									
8	3	4									
9	3	4									
10	3	4									
11	3	4									
12	3	4									
1	3	4	W. by E.	W. by N.							
2	3	4									
3	3	4									
4	3	4									
5	3	4									
6	3	4									
7	3	4									
8	3	4									
9	3	4									
10	3	4									
11	3	4									
12	3	4									

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Alt.	30 18 50	By Acct. Chron. Lunar	32 12 E	Per Azimuth, " Amplitude,
Miles distance per Log. 75			Diff. Lat. 28'	Diff. Long.	Inches in the well.	Set of the current.	W. 1/2 N. 1/2 S.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	Saturday Sept 21 st	1879
1	3	4	W. by N.	W. by N.		30.00					
2	3	4									
3	3	4									
4	3	4									
5	3	4									
6	3	4	W. by E.	W. by N.							
7	3	4									
8	3	4									
9	3	4									
10	3	4									
11	3	4									
12	3	4									
1	3	4									
2	3	4									
3	3	4									
4	3	4									
5	3	4									
6	3	4									
7	3	4									
8	3	4									
9	3	4									
10	3	4									
11	3	4									
12	3	4									

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Alt.	30 11 50	By Acct. Chron. Lunar	31 53 E	Per Azimuth, " Amplitude,
Miles distance per Log. 115			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current.	W. 1/2 N. 1/2 S.

Bark Star of India from Madagascar to United States

17th DAY
OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	<i>Sunday Sept 25th</i>	1839
1			<i>Under</i>	<i>N. by E</i>							
2											
3											
4											
5											
6											
7			<i>S. by E</i>								
8			<i>Under</i>								
9											
10											
11											
12			<i>Under</i>	<i>S. by E</i>							
1											
2											
3											
4											
5											
6											
7											
8											
9											
10			<i>Under</i>								
11											
12			<i>Under</i>								
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct.	<i>32.58</i>	By Acct.			Per Azimuth,	
					Obs. Dble. Alt.	<i>32.00</i>	Chron. Lunar.	<i>30.55</i>		" Amplitude,	<i>31.5</i>
Miles distance per Log.			<i>107</i>		Diff. Lat.	<i>1° 19'</i>	Diff. Long.	<i>.58'</i>	Inches in the well.	Set of the current,	<i>9 m. South</i>

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	1839	
1										<i>Monday Day Sept 26th</i>	
2	8		<i>S. by E</i>	<i>N. E</i>		30.20			<i>Commence to rise to waves into</i>		
3	11		<i>W. by N</i>						<i>pleasant weather</i>		
4	11		<i>W. by S</i>			30.10			<i>At 11 AM the boat on Sandy hills</i>		
5	11								<i>by a light breeze, sail</i>		
6	11								<i>middle part equally appearing</i>		
7	11								<i>the lower hauling to the water</i>		
8	11								<i>At 12 PM took in the main and</i>		
9	11								<i>main sail, and kept the top sail</i>		
10	11								<i>to the ship to the water and</i>		
11	11								<i>Remained moderating waves</i>		
12	11								<i>and passing squalls</i>		
1	5										
2	5										
3	5										
4	5										
5	5										
6	5										
7	5										
8	5										
9	5										
10	5										
11	5										
12	5										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct.	33.01	By Acct.	29.00		Per Azimuth,	
					Obs. Dble. Alt.		Chron. Lunar,			" Amplitude,	
Miles distance per Log.					Diff. Lat.	61'	Diff. Long.	1° 55'	Inches in the well.	Set of the current,	17 m. N. by E.

To BATH *Star of Salem* from Madagascar to Cape of Good Hope 10 DAY
OF THE VOYAGE.

[illegible]

H.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	MOON.	SUN.	OC.	REMARKS.
1	5	N. by N.	N. by E.		29.87	77				Commenced Moderate Pleasant
2	5				29.65					passed through some very strong
3	11		N. East		29.62					Trade S.W. by S.
4	1	N. S. East	N. by N.	2						N. by N. Sea Calm Fair breeze
5	1			"						N. by N. Commenced light Breeze
6	2			"						N. by N. by E. Breeze S. by S. Calm Sea
7	11	S. by W.		"						fine & by N. by N.
8	11			"						29.7. Storm in Royal Calm Gale S.W. by S. by S.
10	11	S. by W.	N. by N.	"						Public Co. of S. by S. by S.
11	3			"	29.62					N. by N. by E. Hard Gale Stormer
12	3			"						Calmer Sea Calm in S. by S. by S.
1	2	N. by N.		0						Morning. Storm over hard Gale Sea
2	3	N. by N.		"						down Royal Fairly
3	3			"						Stormer in S. by S. by S. by S.
4	3			"						Mountainous Sea the vessel labouring
5	3			"						much
6	3			"						
7	3			"						
8	3			"						
9	3	N. by N.	N. by N.	"	29.60					The Sea so high that the Obs. is
10	3	N. by N.	"	"						very indifferant.
11	3		"	"	29.59					
12	3		"	"	29.60					

Ship Star sailed from Madagascar to United States 31 DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM.	SOUND.	OCCURRENCES.	Thurs. Day of Sept 26th	1839
1	3	3	up West.	South		29.77	70				
2	3	3	up West			29.60					
3	3	3				29.65					
4	3	3				29.70					
5	3	3				29.75					
6	3	3				29.80					
7	3	3				29.90					
8	3	3				29.95					
9	3	3				30.00					
10	3	3	up S by E	SE							
11	3	3									
12	3	3									
1	2	2	up by E								
2	2	2									
3	2	2									
4	2	2									
5	2	2	up by S	SE	26						
6	2	2				30.20	59				
7	2	2	up by S	SE	5						
8	2	2				30.30					
9	2	2									
10	2	2				30.40					
11	2	2									
12	2	2				30.50	62				
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct.	31.40	By Acct.	27.16	2 1/2 N. 1/2 E.	Per Azimuth,	
					Obs. Alt.	31.25	Chron. Lunar,	27.00		" Amplitude,	32 West
Miles distance per Log.				Diff. Lat.		Diff. Long.		Inches in the well.		Set of the current, 1/8 N. 1/2 E.	

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM.	SOUND.	OCCURRENCES.	Friday of Sept 27th	1839
1	3	3	up by N	South		30.38	62				
2	3	3				30.30					
3	3	3									
4	3	3	up by N	SE							
5	3	3									
6	3	3									
7	3	3									
8	3	3									
9	3	3	up by N	SE							
10	3	3									
11	3	3									
12	3	3									
1	2	2	up by N	SE		30.15					
2	2	2									
3	2	2									
4	2	2				30.06					
5	2	2	up by N	SE							
6	2	2				30.00					
7	2	2									
8	2	2	up by N	SE		29.95					
9	2	2									
10	2	2									
11	2	2									
12	2	2				29.90	61				
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct.	33.03	By Acct.	21.00	2 1/2 N. 1/2 E.	Per Azimuth,	
					Obs. Alt.	33.09	Chron. Lunar,	21.00		" Amplitude,	32.26
Miles distance per Log. 161				Diff. Lat. 19'		Diff. Long. 14.00		Inches in the well.		Set of the current, 1/8 N. 1/2 E.	

Bark "Mar of Salem from Madagascar to United States" 33 DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	Thermom. Air. Wat.	SOUND-INGS.	OCCURRENCES
1	2		N.W.	Light		29.94			Commenced with Light variable and pleasant weather.
2	2			Buffing					
3	1								
4	1					29.93			
5	2								
6	1								Middle & Latter Parts of day with a heavy dew, and thick fog (formed in 50 fath.)
7	1								
8	1		Calcu			29.95			
9	1								
10	1		W. by N. N.W.						
11	3								Current S. 35 W 10 miles
12	3								
1	3								
2	3								
3	1								
4	3					30.00			
5	3		West N.W.						
6	2								
7	1								
8	3		N.W. - North			30.00			
9	2								
10	2								
11	2								
12	2					30.00 68			

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	35 26 40	By Acct. Chron. Lunar.	20 00 E	Per Azimuth, 26 1/2 Westing
Miles distance per Log.	45	Diff. Lat.	17'	Diff. Long.	1° 00	Inches in the well.	Set of the current, 10 N. 8 1/2 W.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	Thermom. Air. Wat.	SOUND-INGS.	OCCURRENCES
1	1		N. by E. North			30.00 68			Commenced with Fair & fine and passing clouds
2	1								
3	1								
4	1		N. by E. N.W.						
5	1								
6	1		N. by E. N.W.						Middle Part Calm & pleasant morning. Put up & Hoist of Sails and set the Sails
7	1					30.00			
8	1		N. by E. N.W.						
9	1								
10	1								
11	1								Termination Light & fine & cloudy. Set down Topmast. Hoist of Royal & Staff Sails.
12	1								
1	2		Calcu						
2	2								
3	2								
4	2								
5	2		N. by E. N.W.			29.95			
6	2								
7	2		N.W. N.W.						
8	2								
9	2								
10	2								
11	2								
12	2					29.95 65			

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	35 22 40	By Acct. Chron. Lunar.	19 35 E	Per Azimuth, 26 1/2 Westing
Miles distance per Log.		Diff. Lat.		Diff. Long.		Inches in the well.	Set of the current, N.

1. *Porto Rico*

from *India*

to *United States*

25th DAY OF THE VOYAGE.

II.	K.	F.	COURSES.	WINDS.	LET. WAY.	BAROM.	THERMOM.	SOUND.	OCCURRENCES		
						Red. Fath. <td>Air/Wat.<td>INGS.<td>Tuesday Sep 30th 1839</td></td></td>	Air/Wat. <td>INGS.<td>Tuesday Sep 30th 1839</td></td>	INGS. <td>Tuesday Sep 30th 1839</td>	Tuesday Sep 30th 1839		
1	11	11	N. by E. N. by E.			29.93	65		Commenced with passing clouds and light S. breeze from N. by E. at 5.30 P.M. when the sails began to blow. At 6 P.M. it blew 27 miles, supported by a light S. breeze from N. by E. Looking black & equally with clouds & lightning. At 7 P.M. strong S. breeze & light S. breeze. Throughout the night light breeze with squalls & heavy weather & thunder & lightning at the E. Morning light S. breeze & light S. breeze. Terminated fresh & strong and squally heavy weather. Some appearance of land supposed to be Salt Mountain. Sailed for Cuba at 11.30 P.M. 35.25.50		
2	11	11									
3	11	11				29.90					
4	11	11									
5	11	11									
6	11	11									
7	11	11									
8	11	11				29.90					
9	11	11									
10	11	11									
11	11	11									
12	11	11									
1	11	11									
2	11	11									
3	11	11									
4	11	11									
5	11	11									
6	11	11				29.87					
7	11	11									
8	11	11									
9	11	11				29.89					
10	11	11									
11	11	11									
12	11	11				29.87	65				
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Alt.	35.25.50	By Acct. Chron. Lunar.	18.00	E	Per Azimuth, " Amplitude,	26° N. by E.
Miles distance per Log.			114	Diff. Lat.	03'	Diff. Long.	1° 35'	Inches in the well.	Set of the current,	M.	

II.	K.	F.	COURSES.	WINDS.	LET. WAY.	BAROM.	THERMOM. Air/Wat.	SOUND-INGS.	OCCURRENCES.		
						Red. Fath.			<i>Tuesday October 1st 1839</i>		
1	5	5	<i>N. by E. N. by E.</i>			29.89	65		<i>Commenced with fine & breezes from N. by E. & S. by E. at 11.30 P.M. the sails began to blow. At 1 P.M. it blew 27 miles, supported by a light S. breeze from N. by E. Looking black & equally with clouds & lightning. At 2 P.M. strong S. breeze & light S. breeze. Throughout the night light breeze with squalls & heavy weather & thunder & lightning at the E. Morning light S. breeze & light S. breeze. Terminated fresh & strong and squally heavy weather. Some appearance of land supposed to be Salt Mountain. Sailed for Cuba at 11.30 P.M. 35.25.50</i>		
2	5	5									
3	5	5									
4	5	5									
5	5	5									
6	5	5									
7	5	5									
8	5	5									
9	5	5									
10	5	5				29.93					
11	5	5									
12	5	5									
1	5	5									
2	5	5				30.00			<i>Terminated moderate & pleasant</i>		
3	5	5									
4	5	5									
5	5	5									
6	5	5									
7	5	5									
8	5	5				30.17					
9	5	5									
10	5	5									
11	5	5									
12	5	5				30.20 66			<i>Current N 29 W 19 miles</i>		
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Alt.	34.25.50	By Acct. Chron. Lunar.	15.50	E	Per Azimuth, " Amplitude,	28° N. by E.
Miles distance per Log.			140	Diff. Lat.	1° 02'	Diff. Long.	2° 10'	Inches in the well.	Set of the current,	19° N. by E.	

Barth Star of Salem from India to United States DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Wat.	BAROM.	THERMOM. Air. Wat.	Sound- ings.	OCCURRENCES.	Wednesday Oct 2 ^d	1837	
1	4		N.N.W.	W.S.W.		30.20	66					
2	4						0					
3	4											
4	3											
5	3											
6	3											
7	3											
8	3		N.W.			30.27				Throughout This Day		
9	3									Light Breeze and pleasant weather		
10	3											
11	3											
12	3											
1	4					30.20						
2	4											
3	4											
4	4											
5	4											
6	4											
7	5					30.17						
8	5											
9	6		N by W 1/2 E							Current N by W 17 miles		
10	6									Long for Lunars led to Noon 14 1/2		
11	6					30.15 68						
12	6											
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
					By Acct.	33 04 1/2	By Acct.	14 12 6			Per Azimuth,	26 1/2
					Obs. Duple. Alt.		Circum. Lunar,				" Amplitude,	
Miles distance per Log.				Diff. Lat.	1° 19'	Diff. Lon.	1° 38'	Inches in the well.	Set of the current, 1 1/2 N. by E.			

28th Day											
IL	K.	F.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMOM. Air/Wat.	SOUND-INGS.	OCCURRENCES.	Thursday Oct 3 rd	1839.
1	6	11	N. N. W.	S. by W.		30.15	68			Throughout This Day Fine Steady Breeze and pleasant weather At 7. Am. Light up. Rain High sail yard & set the sail.	
2	6	11									
3	6	11									
4	6	11									
5	8										
6	8	4									
7	8	4									
8	8										
9	8					30.10					
10	8										
11	8										
12	8										
1	8										
2	8										
3	8										
4	8										
5	8										
6	8	4									
7	8	4				30.11					
8	8	4									
9	8	4									
10	8	4									
11	8	4									
12	8	4				30.11	66				
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION P. M. A. N.
190					By Acct.	30 53 3/4	By Acct.	11 34 6			Per Azimuth,
					Obs. Duble. Alt.						" Amplitude,
Miles distance per Log. 190					Diff. Lat.	2° 06'	Diff. Long.	2° 38'	Inches in the well.	Set of the current, N.	

Y. W. Ark (Star of Hope) from Madagascar to United States 31 DAY OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-ING.	OCCURRENCES.	Hour of Day of	1839
1	7		N. 1/2 W. 1/2 S. 1/2 E.			30.1468				Oct 6th	
2	7										
3	7										
4	7										
5	7										
6	7										
7	7										
8	7										
9	7										
10	7										
11	7										
12	7										
1	7	11									
2	7	11									
3	7										
4	7										
5	7										
6	7										
7	7					30.20					
8	7										
9	7										
10	7	4									
11	7	4									
12	7	4				30.20					
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	24 38 00	By Acct. Chron. Lunar.	4 06 E		Per Azimuth, " Amplitude,	23 00 West
Miles distance per Log.			169	Diff. Lat.	1° 52'	Diff. Long.	2° 20'	Inches in the well.	Set of the current,	M.	

Throughout This Day Moderate & pleasant
At 6 P.M. The "Eden" out of sight astern.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-ING.	OCCURRENCES.	Hour of Day of	1839
1	6		N. 1/2 W. 1/2 S. 1/2 E.			30.2068				Oct 7th	
2	6										
3	6										
4	6										
5	6										
6	7										
7	7										
8	7					30.20					
9	7										
10	7										
11	7										
12	7										
1	7										
2	7										
3	7										
4	7										
5	7										
6	7										
7	7					30.20					
8	7										
9	7										
10	7										
11	7										
12	7					30.2068					
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	22 54 30	By Acct. Chron. Lunar.	2 00 E		Per Azimuth, " Amplitude,	22 00 West
Miles distance per Log.			161	Diff. Lat.	1° 44'	Diff. Long.	2° 06'	Inches in the well.	Set of the current,	M.	

Throughout This Day Moderate Breezes and Cloudy weather

Barth Star of Salem from India to United States 35th DAY OF THE MONTH

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND-INGS.	OCCURRENCES.		
									Thursday Oct 10th 1839		
1	6	11	N. N. W. by S			30.16	69				
2	6	11									
3	6										
4	6										
5	6										
6	6										
7	6										
8	6	4									
9	6	11									
10	6	4									
11	7										
12	7										
1	6	11									
2	6	11									
3	6	11									
4	6	4									
5	6	4									
6	7										
7	7										
8	6	4				30.14					
9	7										
10	7										
11	7										
12	7					30.10	72				
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dist. Alt.	17 21 56	By Acct. Chron. Lunar.	43 2 1/2	St. Helena 179° 48' 110'	Per Azimuth, " Amplitude,	180° 180°
Miles distance per Log.			158		Diff. Lat.	1° 48'	Diff. Long.	2° 12'	Inches in the well.	Set of the current,	m.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUND-INGS.	OCCURRENCES.		
1	7		N. by E						Friday Day of Oct 11th. 1839		
2	7										
3	7										
4	7	4	N. N. W. East						Commences Fresh & Breeds & Squally weather in the evening		
5	7	4							4 P.M. Put 100m line & Hoop's sails		
6	7								Set the anchor on the bow		
7	7								4 P.M. Put 100m line & Hoop's sails		
8	7								4 P.M. Put 100m line & Hoop's sails		
9	6								4 P.M. Put 100m line & Hoop's sails		
10	5								4 P.M. Put 100m line & Hoop's sails		
11	5								4 P.M. Put 100m line & Hoop's sails		
12	5								4 P.M. Put 100m line & Hoop's sails		
1	5		N. by E						4 P.M. Put 100m line & Hoop's sails		
2	5								4 P.M. Put 100m line & Hoop's sails		
3	5								4 P.M. Put 100m line & Hoop's sails		
4	5								4 P.M. Put 100m line & Hoop's sails		
5	6								4 P.M. Put 100m line & Hoop's sails		
6	6								4 P.M. Put 100m line & Hoop's sails		
7	6								4 P.M. Put 100m line & Hoop's sails		
8	6								4 P.M. Put 100m line & Hoop's sails		
9	5								4 P.M. Put 100m line & Hoop's sails		
10	5								4 P.M. Put 100m line & Hoop's sails		
11	5								4 P.M. Put 100m line & Hoop's sails		
12	5								4 P.M. Put 100m line & Hoop's sails		
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION.	P. M. A. M.
					By Acct.	Obs.	Dist.	Alt.	By Acct.	Chron.	Lunar.
Miles distance per Log.					Diff. Lat.		Diff. Long.		Inches in the well.	Set of the current,	m.

Port of New Bedford from N. H. M. to ... 1st DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	L.E. W.	BAROM.	TEMP. AIR.	TEMP. SURF.	SOUND.	OCCURRENCES.
1										Commence, sight of Rocks and passing Islands of Azores
2										At 9.30 P.M. set under weigh & under all sail for Home
3										Middle & Latter Partly Light & Breezy and passing Islands
4										At 9.30 P.M. set under weigh & under all sail for Home
5										Middle & Latter Partly Light & Breezy and passing Islands
6										At 9.30 P.M. set under weigh & under all sail for Home
7										Middle & Latter Partly Light & Breezy and passing Islands
8										At 9.30 P.M. set under weigh & under all sail for Home
9										Middle & Latter Partly Light & Breezy and passing Islands
10	3		West & East							At 9.30 P.M. set under weigh & under all sail for Home
11	11									Middle & Latter Partly Light & Breezy and passing Islands
12	11 11									At 9.30 P.M. set under weigh & under all sail for Home
1	10 11 11 1/2									Middle & Latter Partly Light & Breezy and passing Islands
2	5									At 9.30 P.M. set under weigh & under all sail for Home
3	5									Middle & Latter Partly Light & Breezy and passing Islands
4	5									At 9.30 P.M. set under weigh & under all sail for Home
5	4 4									Middle & Latter Partly Light & Breezy and passing Islands
6	4 4									At 9.30 P.M. set under weigh & under all sail for Home
7	5 11 1/2									Middle & Latter Partly Light & Breezy and passing Islands
8	5 11									At 9.30 P.M. set under weigh & under all sail for Home
9	5 11									Middle & Latter Partly Light & Breezy and passing Islands
10	5									At 9.30 P.M. set under weigh & under all sail for Home
11	5									Middle & Latter Partly Light & Breezy and passing Islands
12	5									At 9.30 P.M. set under weigh & under all sail for Home
					30.1076 ₉		Sp. Volume is sighted astern			
COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.			
			By Acct. 15 21 1/2 By Chron. 15 21 1/2	By Acct. 65 58 1/2 By Chron. 65 58 1/2		Per Azimuth, 16 Amplitude, 16				
C. Miles distance per Log. 70			Diff. Lat.	Diff. Long.	Inches in the well.	Set of the current.	N.			

H.	K.	F.	COURSES.	WINDS.	L.E. W.	BAROM.	TEMP. AIR.	TEMP. SURF.	SOUND.	OCCURRENCES.
1	5		W. by N. E. 8							Occurrences, Oct 14 Day of Monday 1839 Thence, sight of Rocks and passing Islands at 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 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passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly 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& Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail 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& under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. 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Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & 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Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home Middle & Latter Partly Light & Breezy and passing Islands At 9.30 P.M. set under weigh & under all sail for Home

Port Mar. of India from India to United States 41st DAY OF THE VOYAGE.

H.	K.	P.	COURSES.	WINDS.	LEE WY.	BAROM.	THERMOM. A. F. W.	SOUND-INGS.	OCCURRENCES		
1	11		West East			30.00			Thursday Oct 17 1839 Throughout This Day Light Air & pleasant weather		
2	11										
3	11										
4	11										
5	11										
6	11										
7	11										
8	11										
9	11										
10	11										
11	11										
12	11										
1	11										
2	11										
3	11										
4	11										
5	11										
6	11										
7	11										
8	11										
9	11										
10	11										
11	11										
12	11					30.00					
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. N.
					By Acct. Obs. Dble. Alt.	115.50	By Acct. Chron. Lunar,	12.53		Per Azimuth, " Amplitude,	15.12
Miles distance per Log.				Diff. Lat.		Diff. Long.		Inches in the well.		Set of the current.	

Throughout this Day Light & Air pleasant weather

H.	K.	P.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES	Friday Day of Oct 18 th	1839
1	6		West	SE		30.10			Commenced light & breeze pleasant weather Wind then rose to S by E strong and rain clouds & rain frequent weather		
2	6										
3	6										
4	6										
5	6										
6	6										
7	6										
8	6										
9	6										
10	6										
11	6										
12	6										
1	2		West	SE					Light & breeze pleasant weather Wind then rose to S by E strong and rain clouds & rain frequent weather		
2	2										
3	2										
4	2										
5	2										
6	2										
7	2										
8	2										
9	2										
10	2										
11	2										
12	2										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. N.
					By Acct. Obs. Dble. Alt.	11 12.50	By Acct. Chron. Lunar.	11.15		Per Azimuth, " Amplitude,	15.12
Miles distance per Log.			Diff. Lat.		Diff. Long.		Inches in the well.		Set of the current, N.		

*Commenced Light & Air pleasant weather
Wind S.W. in P.M. Strong
then under Clouds & Rain, and
pleasant weather*

Mark Star

from India

to United States 145th DAY OF THE VOYAGE.

HL	K	E	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	Monday Day of Oct 21 st	18 39
1	6	11	N West 96				29.50			Throughout this Day Time Breeze on passing Clouds	
2	6	11									
3	6	11									
4	6	11									
5	6	11									
6	6	11									
7	6	11									
8	6	11									
9	6	11									
10	6	11									
11	6	11									
12	6	11									
1	6	11									
2	6	11									
3	6	11									
4	6	11									
5	6	11									
6	6	11									
7	6	11									
8	6	11									
9	6	11									
10	6	11									
11	6	11									
12	6	11									
COURSE.			DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. N.		
N 61° W			166	145.0	By Acct. Obs. Diff. Alt.	63° 15'	By Acct. Chron. Lunar.	2153 W	Per Azimuth, " Amplitude,	13° 15' W	
Miles distance per Log. 166				Diff. Lat.	1° 10'	Diff. Long.	2° 27'	Inches in the wel'.	Set of the current.	M.	

HL	K.	E.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES.	Monday Day of Oct 22 nd	18 39
1	6	11	<i>N West 96</i>							<i>Throughout this Day Time Breeze on pleasant weather.</i>	
2	6	11									
3	6	11									
4	6	11									
5	6	11									
6	6	11									
7	6	11									
8	6	11									
9	6	11									
10	6	11									
11	6	11									
12	6	11									
1	6	11									
2	6	11									
3	6	11									
4	6	11									
5	6	11									
6	6	11									
7	6	11									
8	6	11									
9	6	11									
10	6	11									
11	6	11									
12	6	11									
COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. N.				
<i>N 56° W</i>	<i>158</i>	<i>35.5</i>	By Acct. Obs. Diff. Alt.	<i>53° 15'</i>	By Acct. Chron. Lunar.	<i>2409 W</i>	Per Azimuth, <i>N. 43° W</i>				
Miles distance per Log. <i>157</i>			Diff. Lat. <i>1° 20'</i>	Diff. Long. <i>2° 16'</i>	Inches in the well.	Set of the current.	N.				

Barb "Star" of Salem from N. Helena to United States - 1 DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMOM. Avg. (Wet)	SOUND-INGS.	OCCURRENCES
1	6		N West	20 E		29.97	62		
2	6			East					
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6								
1	6								
2	6								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6								

Throughout the Day Light
Breeze and pleasant weather

23.00

20 E
20 E

23.00

Current NW 20 miles

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
N 61 W	15.0	13.5	By Acct. Obs. Dble. Alt.	42 20	By Acct. Chron. Lunar,	26 27	Per Azimuth, " Amplitude,
Miles distance per Log. 144			Diff. Lat. 1° 17'	Diff. Long. 2° 18'	Inches in the well.	Set of the current 2 1/2 mi	

H.	K.	F.	COURSES.	WINDS.	LEE WAT.	BAROM.	THERMOM. Avg. (Wet)	SOUND-INGS.	OCCURRENCES
1	5		N West	20 E		30.00	62		
2	5			East					
3	5								
4	5		N West						
5	5								
6	5								
7	5								
8	5								
9	5								
10	5								
11	5								
12	5								
1	5								
2	5								
3	5								
4	5								
5	5								
6	5								
7	5								
8	5								
9	5								
10	5								
11	5								
12	5								

Throughout the Day Light
Breeze and pleasant weather

30.00

Westerly Current 12 miles

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
N 52 W	10.9	10.5	By Acct. Obs. Dble. Alt.	25 49	By Acct. Chron. Lunar,	28 02	Per Azimuth, " Amplitude,
Miles distance per Log. 128			Diff. Lat. 06	Diff. Long. 1.49	Inches in the well.	Set of the current, m.	

Left Port *from India* to United States *19th* DAY OF THE VOYAGE.

H.	E.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR. WAT.	SOUNDINGS.	OCCURRENCES.	Friday Oct 25 th 1839	
1	5		N West S East			30.03	82	0		Brought about 3 hrs. Day. Light & Breeze of pleasant weather	
2	5										
3	5										
4	5										
5	5										
6	5										
7	5										
8	5	4									
9	5	4									
10	5	4									
11	5	4									
12	5	4									
1	5									Current West 16 miles	
2	5										
3	5										
4	5										
5	5										
6	5										
7	5										
8	5										
9	5	4				30.07					
10	5	4									
11	5	4									
12	5	4				30.084					
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
N 62 W 137			10.15		By Acct. Obs. Dble. Alt.	13.00	By Acct. Chron. Lunar.	30.04	N 40 W 34.50	Per Azimuth, 8° West	
Miles distance per Log.			124	Diff. Lat.	1° 24'		Diff. Long.	1° 48'		Inches in the well.	Set of the current, 16 m. West

Throughout this Day Light Breeze & pleasant weather

Current West 16 miles

3007

30.084

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air. Wat.	SOUNDINGS.	OCCURRENCES.	Saturday Oct 26 th 1839	
1	5	4	NW by N	SE by E		30.00	84	0		Throughout this time gentle E. breeze by N. as wind weather	
2	5	4									
3	5	4									
4	5	4									
5	5	4									
6	5	4									
7	5	4									
8	5	4									
9	5	4									
10	5	4									
11	5	4									
12	5	4									
1	5	4									
2	5	4									
3	5	4									
4	5	4									
5	5	4									
6	5	4									
7	5	4									
8	5	4									
9	5	4									
10	5	4									
11	5	4									
12	5	4				30.00	84	0			
COURSE.			DIST.	DEPART.	LATITUDE.	By Acct. Obs. Dble. Alt.		By Acct. Chron. Lunar.	BEARING & DISTANCE.	VARIATION	P. M. A. M.
134					11.07	N		30.06	Salem bear.	Per Azimuth,	7° West
									N 41 W 33.50	" Amplitude,	
Miles distance per Log.			134	Diff. Lat.	1° 57'	Diff. Long.		1° 42'	Inches in the well.	Set of the current,	N.

Throughout this Day Gentle Breeze & pleasant weather

81

30.09

Bank Star

from *India* to *United States* 31 DAY
OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air/Wat.	SOUND- INGS.	OCCURRENCES
1	5	4	NW N	SE		30.00	85		
2	5	4					80		
3	5	4							
4	5	4							
5	5	4							
6	5	4							
7	6	4	NW N	SE					
8	6	4							
9	6	4							
10	6	4							
11	6	4							
12	7	4							
1	7	4							
2	7	4							
3	7	4							
4	7	4							
5	7	4							
6	7	4							
7	7	4							
8	7	4							
9	7	4							
10	7	4							
11	7	4							
12	7	4							
			COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION
						By Acct. Obs. Dble. Alt.	By Acct. Chron. Lunar.		Per Azimuth, " Amplitude,
						2 03 1/2	33 37 1/2		6 1/2 West
			Miles distance per Log.	153	Diff. Lat.	1° 56'	Diff. Long.	1° 54'	Inches in the well. Set of the current, M.

*Throughout This Day Gentle
Breezes & passing clouds & light
showers of rain*

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air/Wat.	SOUND- INGS.	OCCURRENCES
1	6	4	NW N	SE		29.97	85		
2	6	4					80		
3	6	4							
4	6	4							
5	7	4							
6	7	4							
7	7	4							
8	7	4							
9	7	4							
10	7	4							
11	7	4							
12	7	4							
1	7	4							
2	7	4							
3	7	4							
4	7	4							
5	7	4							
6	7	4							
7	7	4							
8	7	4							
9	7	4							
10	7	4							
11	7	4							
12	7	4							
			COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION
						By Acct. Obs. Dble. Alt.	By Acct. Chron. Lunar.		Per Azimuth, " Amplitude,
						4 16 1/2	35 35 1/2	N 40 W 3000 miles Gale	5 1/2 West
			Miles distance per Log.	168	Diff. Lat.	2° 13'	Diff. Long.	1° 58'	Inches in the well. Set of the current, M.

*Throughout This Day Fine
Breezes & passing clouds with light
showers of rain*

10 current N by E 1/2 N 12 miles

Bark Star of Salem from India to United States 5th DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR. WIND.	SOUND-ING.	OCCURRENCES.	1839	
1	4	4	W by N	S by E		29.97	56				
2	4	4					0				
3	4	4									
4	4	4									
5	4	4									
6	4	4				29.90					
7	4	4									
8	4	4									
9	4	4									
10	4	4									
11	4	4									
12	4	4									
1	8	8									
2	8	8									
3	8	8									
4	8	8									
5	8	8									
6	4	4	W by N			29.04					
7	4	4									
8	4	4									
9	4	4									
10	4	4									
11	4	4									
12	4	4									
						29.98	53				
COURSE.		DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION	P. M. A. M.
				By Acct. Obs. Alt.		By Acct. Chron. Lunar.				Per Azimuth, " Amplitude,	
				606		3630 W				59 North	
Miles distance per Log. 103				Diff. Lat. 1° 50'		Diff. Long. 1° 15'		Inches in the well.		Set of the current 34. East	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air/Wat.	SOUND- INGS.	OCCURRENCES.	Wednesday Oct 30. 1839
1	3	4	W. by N.	East		29.00	53°			
2	3	4					0			
3	4	4								
4	4	4								
5	4	4	W. by N.							
6	4	4								
7	4	4								
8	4	4								
9	4	4								
10	4	4								
11	4	4								
12	4	4	W. by N.	South,						
1	2	4								
2	4	4								
3	4	4								
4	4	4								
5	4	4								
6	4	4								
7	4	4								
8	4	4	W. by N.	East						
9	4	4								
10	4	4								
11	4	4								
12	4	4								
						29.9781				

Barrel Star of Salem from *Walden* to United States S.S. DAY
OF THE VOYAGE.

II.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR / WATER	SOUND- INGS.	OCCURRENCES		
1	5	4	N by N E 1/2 E			29.97	81		Thursday Oct 31st 1839		
2	6	4									
3	5	4									
4	5	4							Wind of middle Part Gentle Breeze		
5	5	4							Fair weather		
6	5	4							Light Part - light Breeze & hazy		
7	5	4							with cloudy weather		
8	5	4							Diminutes more & begins to come		
9	5	4							hauling to the Northward		
10	5	4	N by N E 1/2 N						Passed through several Tide rips		
11	6	4									
12	6	4									
1	6	4									
2	6	4									
3	6	4									
4	6	4									
5	6	4									
6	6	4									
7	6	4									
8	6	4	N by N East			30.03					
9	6	4									
10	6	4	N by N 1/2 N E						Current S 1/2 N 24 miles		
11	6	4									
12	6	4				30.03	81				
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARINGS & DISTANCE.	VARIATION	P. M. A. T.
					By Acct.	8 31 N.	By Acct.	39 16 W.	Salem bears	Per Azimuth.	5 N 1/2 N
					Obs. Dble. Alt.		Chron. Lunar.		N 10 W 2680	" Amplitude.	
Miles distance per Log. 121					Diff. Lat.	1° 10'	Diff. Lon.	1° 46'	Inches in the well.	Set of the current.	24 mi. S 1/2 N

II.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR/WAT.	SOUND- INGS.	OCCURRENCES, Friday Day of	Nov 1st 1839	
1	5	4	N by N W 1/2 N			30.03	81		Throughout This Day Gentle Breeze falling Shower, Passed through many strong Tide rips		
2	5	4									
3	5	4									
4	5	4									
5	5	4	N by N W 1/2 N								
6	5	4									
7	5	4									
8	5	4									
9	5	4									
10	5	4									
11	5	4									
12	5	4									
1	5	4									
2	5	4									
3	5	4									
4	5	4									
5	6	4									
6	6	4									
7	6	4									
8	6	4				30.07					
9	6	4									
10	6	4									
11	6	4									
12	6	4				30.00	82				
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. T.
					By Acct.	10 13 N.	By Acct.	41 01 W.	Salem N 10 W	Per Azimuth,	5 N 1/2 N
					Obs. Dble. Alt.		Chron. Lunar,		2530 miles	" Amplitude,	
Miles distance per Log. 134					Diff. Lat.	1° 42'	Diff. Long.	1° 15'	Inches in the well.	Set of the current,	36

Bar. Van o Salem from Helena to similar States 20th DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR.	SOUND-INGS.	OCCURRENCES.	Latitude	1839
1	6	6	West N Ely N			30.00	62				
2	6	6									
3	6	6									
4	6	6									
5	6	6									
6	6	6									
7	6	6									
8	6	6									
9	6	6									
10	6	6									
11	6	6									
12	6	6									
1	6	6									
2	6	6									
3	6	6									
4	6	6									
5	6	6									
6	6	6									
7	6	6									
8	6	6									
9	6	6									
10	6	6									
11	6	6									
12	6	6									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dule. Alt.	113000	By Acct. Chron. Lunar.	1012 W.		Per Azimuth, " Amplitude,	5 th W.
Miles distance per Log.			134	Diff. Lat.	1° 17'	Diff. Long.	2° 11'	Inches in the well.	Set of the current.	29	W. S. 8

Throughout this day Gentle Breeze & Cloudy weather
Several tide rips

Current S 74 W. 29 miles

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR.	SOUND-INGS.	OCCURRENCES.	Latitude	1839
1	6	6	West N Ely N			30.04	62				
2	6	6									
3	6	6									
4	6	6									
5	6	6									
6	6	6									
7	6	6									
8	6	6									
9	6	6									
10	6	6									
11	6	6									
12	6	6									
1	6	6									
2	6	6									
3	6	6									
4	6	6									
5	6	6									
6	6	6									
7	6	6									
8	6	6									
9	6	6									
10	6	6									
11	6	6									
12	6	6									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
			N 53 W 169		By Acct. Obs. Dule. Alt.	1505 W.	By Acct. Chron. Lunar.	1507 W.	Talun N 38 W 200	Per Azimuth, " Amplitude,	10 th W.
Miles distance per Log.			146	Diff. Lat.	1° 41'	Diff. Long.	2° 15'	Inches in the well.	Set of the current.	23	W. S. 8

Throughout this Day Light Breeze and few long clouds

Current W 15 N 23 miles

Barre Star of Salem from St. Helena 10 miles 22 DAY OF THE VOYAGE.

H.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUNDINGS.	OCCURRENCES.		
							Air. Wat.				
1	5	4	1 1/2 N 1/2 E	13 1/2 N		30.0584			Monday Nov 11 1839		
2	5	4									
3	5	4									
4	5	4									
5	6	6									
6	6	6									
7	7	7	N 1/2 E	SW 6							
8	7	7		NE 1/2 E							
9	4	4							Throughout this Day		
10	4	4							Gentle Trade & much water		
11	4	4							and pleasant weather.		
12	4	4							Employed painting Ship inside		
1	6	6									
2	6	6									
3	6	6									
4	6	6									
5	6	6									
6	6	6									
7	6	6									
8	6	6				30.07					
9	6	4									
10	6	4									
11	6	4							Current S. 67° W 8 miles		
12	6	4				30.0484					
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. P.
					By Acct. Obs. Dble. Alt.	14 59 N	By Acct. Chron. Lunar.	47 23 W	Salem bears N 37° W 20.50	Per Azimuth. 35 West.	
Miles distance per Log. 152					Diff. Lat. 1° 46'		Diff. Long. 1. 56		Inches in the well.	Set of the current. S. 30° W 1/2	

H.	K.	P.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, Wat.	SOUND- INGS.	OCCURRENCES.		
									Tuesday Nov 5th 1839		
1	6		NW 1/2 N	NE 1/2 E		30.0484	84		Throughout this Day Gentle Trade & parting clouds Employed painting Ship inside At 6 P.M. A shower of rain		
2	6										
3	6										
4	6										
5	6										
6	6										
7	7										
8	7										
9	7										
10	8										
11	8										
12	8										
1	7					30.14			Current West 8 miles		
2	7										
3	7										
4	7										
5	7										
6	7										
7	7										
8	7										
9	7										
10	7										
11	7										
12	7										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. P.
					By Acct. Obs. Dble. Alt.	16 56 N	By Acct. Chron. Lunar,	49 40 W	Salem bears N 36 W 18.90 miles	Per Azimuth, " Amplitude,	20 West.
Miles distance per Log. 165					Diff. Lat.	1° 59'		Diff. Long.	2° 17'	Inches in the well.	Set of the current, 28 West.

Mark "Star of Salem" from St Helena to United States

24th DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air/Wat.	SOUND- INGS.	OCCURRENCES		
1	6	14	N.W. & N.E. East			30.10 83			Wednesday Nov 6th 1839		
2	6	11							Throughout the Day Fine Trade, & pleasant weather (Finished hauling inside)		
3	6	11									
4	6	11									
5	6	11									
6	6	11									
7	6	11									
8	6	11									
9	6	11									
10	6	11									
11	6	11									
12	6	11									
1	6	11							Current West 18 miles		
2	6	11									
3	6	11									
4	6	11									
5	6	11									
6	6	11									
7	6	11									
8	6	11									
9	6	11									
10	6	11									
11	6	11									
12	6	11									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct.	18.52 N	By Acct.	57.57 W	1720 miles	Per Azimuth,	34 West
					Obs. Dble. Alt.		Chron. Lunar,			" Amplitude,	
Miles distance per Log.			161	Diff. Lat.	1.57	Diff. Long.	2.11	Inches in the well.	Set of the current,	18 N. West	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air/Wat.	SOUND- INGS.	OCCURRENCES.		
1	1	14	N.W. & N.E. East			30.15	84		Thursday Nov 7th 1839		
2	1	14							Commenced Fine Trade & pleasant Weather. Sailed from St. Helena with heavy winds & foggy with fine Trade & pleasant weather. Sailed from St. Helena for the first time since it was set off Cape of Good Hope on 2 ^d Oct 1839. In excellent time at St. Helena At 9 P.M. it again		
3	1	14									
4	1	14									
5	1	14									
6	1	14									
7	1	14									
8	1	14									
9	1	14									
10	1	14									
11	1	14									
12	1	14									
1	1	14							Current West 22 miles		
2	1	14									
3	1	14									
4	1	14									
5	1	14									
6	1	14									
7	1	14									
8	1	14									
9	1	14									
10	1	14									
11	1	14									
12	1	14									
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct.	20.57 N	By Acct.	58.12 W	133 1/2 miles	Per Azimuth,	34 West
					Obs. Dble. Alt.		Chron. Lunar,			" Amplitude,	
Miles distance per Log.			170	Diff. Lat.	2.04	Diff. Long.	2.21	Inches in the well.	Set of the current,	23 N. West	

Star

from *Sp. Helms* to United States

20 DAY
OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMO. Air. Wat.	SOUND- INGS.	OCCURRENCES.
1	6		NW by N	East		30.20	82		Friday Nov 8th 1839
2	6								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6								
1	6								
2	6								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6								

Commences with variable wind
Light breeze & pleasant weather
Saw Gulf Stream at 11 AM
At 5 PM saw a large schooner West?
Steering West
At 12 M. Made Bark "Sohann"
"George" of N York & Bremen 44 days
in N.W. & came with 4 passengers
Have his Log. S.E. 1000
Terminates Light & breeze & pleasant
weather. All sail set.

Oct 30.20
Bark 30.20 84

Current 25 miles West

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION.	P. M. A. M.
		By Acct. Obs. Alt.	22 49 N	By Acct. Chron. Lunar.	Salmon bears S. 32 W 1400	Per Azimuth. " Amplitude.	20 W
Miles distance per Log. 155			Diff. Lat. 1° 52	Diff. Long. 2° 09'	Inches in the well.	Set of the current. 25	W

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMO. Air. Wat.	SOUND- INGS.	OCCURRENCES.
1	6		NW by N	East		30.20	84		Saturday Nov 9th 1839
2	6								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6								
1	6								
2	6								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6								

Throughout this day gentle
breeze & pleasant weather
At 5 PM saw a ship to the
S.E. & toward St. Johns

E.S.E. 30.20 84

COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Alt.	24 38 N	By Acct. Chron. Lunar.	58 00 W	Salmon Pass NW 14050	Per Azimuth, " Amplitude,	20 W
Miles distance per Log. 143			Diff. Lat.	1° 49'	Diff. Long.	1° 39'	Inches in the well.	Set of the current.	M.

Dark Star of Salem from N. Helena to United States 28th DAY OF THE VOYAGE.

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	1839	
1	5		NW 1/2	SE 1/4		30.20	22 1/2		Commences with Light & Breeze and pleasant sailing Employed in painting the fore side		
2	5								Middle Part Squally with rain carried away. Stormed the sail down then all the day sail & smooth & light morning more pleasant, but then again		
3	5								Terminated. Fine Breeze & passing clouds with light & squally appear- ances at the N. W. & N. E.		
4	5										
5	5										
6	5										
7	5										
8	5										
9	5										
10	5										
11	5										
12	5										
1	4		NW 1/2	SE 1/4		30.17					
2	4										
3	4										
4	4										
5	4										
6	4										
7	4										
8	4										
9	4										
10	4										
11	4										
12	4										
1	8					30.10	83				
2	8										
3	8										
4	8										
5	8										
6	8										
7	8										
8	8										
9	8										
10	8										
11	8										
12	8										
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dile. Alt.	262220	By Acct. Chron. Lunar.	2954	Per Azimuth, " Amplitude,	3 1/2	
Miles distance per Log.			150	Diff. Lat.	1° 44'	Diff. Long.	1° 54'	Inches in the well.	Set of the current,	m.	

H.	K.	F.	COURSES.	WINDS.	LEE Way.	BAROM.	THERMOM. Air. Wat.	SOUND- INGS.	OCCURRENCES.	Monday March 1839	
1	8		NW 1/2						Commences with Hard Squalls		
2	8								attended with rain.		
3	8								With a full S.W. Sea, Breeze, & fine		
4	8								with a S.W. Breeze, & a S.W. Sea.		
5	8								mandall with the Breeze, & fine		
6	8								with a S.W. Breeze, & a S.W. Sea.		
7	8								with a S.W. Breeze, & a S.W. Sea.		
8	8								with a S.W. Breeze, & a S.W. Sea.		
9	8								with a S.W. Breeze, & a S.W. Sea.		
10	8								with a S.W. Breeze, & a S.W. Sea.		
11	8								with a S.W. Breeze, & a S.W. Sea.		
12	8								with a S.W. Breeze, & a S.W. Sea.		
1	8		N 1/2 E	NW 1/2					With a full S.W. Sea, Breeze, & fine		
2	8								mandall with the Breeze, & fine		
3	8								with a S.W. Breeze, & a S.W. Sea.		
4	8								with a S.W. Breeze, & a S.W. Sea.		
5	8								with a S.W. Breeze, & a S.W. Sea.		
6	8								with a S.W. Breeze, & a S.W. Sea.		
7	8								with a S.W. Breeze, & a S.W. Sea.		
8	8								with a S.W. Breeze, & a S.W. Sea.		
9	8								with a S.W. Breeze, & a S.W. Sea.		
10	8								with a S.W. Breeze, & a S.W. Sea.		
11	8								with a S.W. Breeze, & a S.W. Sea.		
12	8								with a S.W. Breeze, & a S.W. Sea.		
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
N 11/2 W			113	22.5	By Acct. Obs. Dile. Alt.	2812	By Acct. Chron. Lunar.	60 1/2	Per Azimuth, " Amplitude,	3 1/2	
Miles distance per Log.			135	Diff. Lat.	110	Diff. Long.	24'	Inches in the well.	Set of the current,	21 m.	East

Dark Mare's Log from S. Adams to United States 30 DAY OF THE VOYAGE.

II.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR & WATER.	SOUND- INGS.	OCCURRENCES.
1	6	11	Ny E	NW	Port	59 1/2			Commenced Fresh & Pleasant weather & a heavy sea in the night & wind shifted to a light & fair weather.
2	6	11							
3	6	11							
4	6	11							
5	6	11	Ny E						
6	6	11							
7	6	11	Ny E						
8	6	11							
9	6	11	Ny E						
10	6	11							
11	6	11							
12	6	11							
1	6	11	Ny E						
2	6	11							
3	6	11							
4	6	11							
5	6	11							
6	6	11	Ny E						
7	6	11							
8	6	11							
9	6	11							
10	6	11							
11	6	11							
12	6	11							
			COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION
						By Acct. Obs. Dble. Alt.	By Acct. Chron. Lunar.		Per Azimuth. " Amplitude.
			Miles distance per Log.	133	Diff. Lat.	2° 00'	Diff. Long.	59'	Inches in the well.
									Set of the current.

II.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR & WATER.	SOUND- INGS.	OCCURRENCES.
1	4	11	Ny E	NW	Port	59 1/2			Commenced Fresh & Pleasant weather & a heavy sea in the night & wind shifted to a light & fair weather.
2	4	11							
3	4	11							
4	4	11	Ny E						
5	4	11							
6	4	11	Ny E						
7	4	11							
8	4	11	Ny E						
9	4	11							
10	4	11	Ny E						
11	4	11							
12	4	11							
1	4	11	Ny E						
2	4	11							
3	4	11							
4	4	11	Ny E						
5	4	11							
6	4	11	Ny E						
7	4	11							
8	4	11	Ny E						
9	4	11							
10	4	11	Ny E						
11	4	11							
12	4	11							
			COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION
						By Acct. Obs. Dble. Alt.	By Acct. Chron. Lunar.		Per Azimuth. " Amplitude.
			Miles distance per Log.	73	Diff. Lat.	20'	Diff. Long.	1° 18'	Inches in the well.
									Set of the current.

from *St. Vincent* to *Antigua* *31* DAY OF THE VOYAGE

H.	K.	F.	COURSES.	WINDS.	Lee Way.	BAROM.	THERMOM. Air, Wat.	SOUND-ING.	OCCURRENCES.
1									<i>120/14th</i>
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
COURSE.			DIST.	DEPART.	LATITUDE.	LONGITUDE.		BEARING & DISTANCE.	VARIATION P. M. A. M.
					By Acct. Obs. Alt.	3023	By Acct. Chron. Lunar.	62 17	Per Azimuth, 34 West
			Miles distance per Log.	104	Diff. Lat.	30'	Diff. Long.	1° 41'	Inches in the well. Set of the current.

H.	K.	F.	COURSES.	WINDS.	Lee Way.	BAROM.	THERMOM. Air, Wat.	SOUND-ING.	OCCURRENCES.
1									<i>120/14th</i>
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
COURSE.			DIST.	DEPART.	LATITUDE.	LONGITUDE.		BEARING & DISTANCE.	VARIATION P. M. A. M.
					By Acct. Obs. Alt.	3100	By Acct. Chron. Lunar.	65 30	Per Azimuth, 34 West
			Miles distance per Log.	182	Diff. Lat.	37'	Diff. Long.	3° 13'	Inches in the well. Set of the current.

Dark Sea, from St Helena to United States 34th DAY OF THE MONTH.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR. WAT.	SOUND- INGS.	OCCURRENCES	
1	5		1 WNW	SE 6		30.2779			Starting Nov 16th 1839	
2	5									
3	5									
4	5									
5	5								Commenced with a swell 8 Am	
6	5			South					gentle breeze, & passing clouds	
7	5									
8	5								At 8 In a sudden squall the wind	
9	5								howled WNW with a dead air	
10	6								howled & fell	
11	4								At 9 More pleasant & fell. Then again	
12	4								came a breeze to the West & strong S.E.	
1	2			S. West					Terminates Moderate clear, pleasant	
2	6								& very smooth.	
3	6									
4	6									
5	6									
6	6									
7	6									
8	6									
9	5		N West WNW			30.30				
10	3								Comes in N West W. 13 miles	
11	4									
12	4					30.2776				
COURSE.		DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
				By Acct. Obs. Dole. Alt.	32° 17' 12"	By Acct. Chron. Lunar,	67° 59' 11"	Salmon boat N. 1/4 N. 1/2 E. 635	Per Azimuth, " Amplitude,	3° West by
Miles distance per Log. 130				Diff. Lat.	1° 19'	Diff. Long.	2° 09'	Inches in the well.	Set of the current, 13 mi.	N. 1/4 W.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR. WAT.	SOUND- INGS.	OCCURRENCES	
1	5		1 WNW	SE 6		30.2776			Starting Nov 17th 1839	
2	5								Commenced with gentle breeze	
3	5								& pleasant weather the sea very smooth	
4	5									
5	5		1 NW						Middle Part cloudy with passing showers	
6	5		4 NW	1 NW					At 3 PM. T. on ship to 100 fms?	
7	5		4 NW	1 NW					At 4 " Heavy squally rain in P.M.	
8	5		4 NW	1 NW					Sailed daily 1 mile. Took in 5 m. to sail	
9	5		4 NW	1 NW					At 5.30. Took in 1 mile. 1/2 m. to sail	
10	6								At 6.30. Took in 1 mile. 1/2 m. to sail	
11	6								At 7.10. Took in 1 mile. 1/2 m. to sail	
12	6								At 8.10. Took in 1 mile. 1/2 m. to sail	
1	6		4 NW	1 NW		30.27			At 9.10. Took in 1 mile. 1/2 m. to sail	
2	6		4 NW	1 NW					At 10.10. Took in 1 mile. 1/2 m. to sail	
3	6		4 NW	1 NW					At 11.10. Took in 1 mile. 1/2 m. to sail	
4	6		4 NW	1 NW					At 12.10. Took in 1 mile. 1/2 m. to sail	
5	6		4 NW	1 NW					At 1.10. Took in 1 mile. 1/2 m. to sail	
6	6		4 NW	1 NW					At 2.10. Took in 1 mile. 1/2 m. to sail	
7	6		4 NW	1 NW					At 3.10. Took in 1 mile. 1/2 m. to sail	
8	6		4 NW	1 NW					At 4.10. Took in 1 mile. 1/2 m. to sail	
9	6		4 NW	1 NW					At 5.10. Took in 1 mile. 1/2 m. to sail	
10	6		4 NW	1 NW		30.285274			At 6.10. Took in 1 mile. 1/2 m. to sail	
11	6		4 NW	1 NW					At 7.10. Took in 1 mile. 1/2 m. to sail	
12	6		4 NW	1 NW		30.2769			At 8.10. Took in 1 mile. 1/2 m. to sail	
COURSE.		DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
				By Acct. Obs. Dole. Alt.	34° 04' 11"	By Acct. Chron. Lunar,	68° 37' 11"	Salmon boat N. 1/2 N. 1/2 E. 520 only	Per Azimuth, " Amplitude,	3° West
Miles distance per Log. 132				Diff. Lat.	1° 45'	Diff. Long.	58'	Inches in the well.	Set of the current,	13 mi.

1861, Dec. 7th, from "W. H. Allen" to United States 36th DAY
OF THE VOYAGE.

[illegible]

11.	10.	9.	8.	7.	6.	5.	4.	3.	2.	1.	COURSES.	WINDS.	LEE.	BAROM.	THERMOM.	SOUND.	OCCURRENCES.	DATE.	TIME.				
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
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1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1</											

Back Star of Salem from *St Helena* to *United States* 38th DAY OF THE VOYAGE.

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND.	OCURRENCES
1	4		N N W	W	11	29.75	88	76	<i>Thunder Nov 20 1839</i> Commences strong breeze & pouring Gusty at sea and heavy rain At 10.30 close up the fore sail At 11.00 close up the main sail Middle Part Heavy Gale of rain Squalls attended with violent hail At 11.00 the top of the masts The sail & fore sail & fore top under the top sail Mr. Spencer Top Mast Stayed Terminates Heavy Rain & heavy Squalls with hail & hail Saw a Ship standing out to sea
2	4								
3	4								
4	4		N E by E	N W					
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								
1	4								
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. M.	
			By Acct. Obs. Dble. Alt.	38° 24' N	By Acct. Chron. Lunar.	68° 55' W	Per Azimuth. " Amplitude.	5th West
Miles distance per Log. 38.		Diff. Lat.	1° 44'	Diff. Long.	1° 44'	Inches in the well.	Set of the current 55 N. by E	

IL	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND.	OCURRENCES
1	2		N N W	N N W	6	29.67	54	62	<i>Thunder Nov 21 1839</i> Commences very heavy Gale with hard squalls & rain Hail and very heavy rain At 2.30 the sun below clouds Saw several water fronts Middle Part Little more moderate Morning Set for Spencer Fore sail At 2.30 Set for Main sail. Terminates More Moderate but very squally.
2	2								
3	2								
4	2								
5	2								
6	2								
7	2								
8	2								
9	2								
10	2								
11	2								
12	2								
1	2								
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6	2								
7	2								
8	2								
9	2								
10	2								
11	2								
12	2								

COURSE.	DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
			By Acct. Obs. Dble. Alt.	38° 54' N	By Acct. Chron. Lunar,	68° 16' W	Guln. 461 3067. 270°	Per Azimuth, " Amplitude,	6th West
Miles distance per Log. 52			Diff. Lat.	30'	Diff. Long.	37'	Inches in the well.	Set of the current.	M.

W. K. H. J. from St. Helena to United States 40th DAY OF THE VOYAGE

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR.	SEA-INS.	OCCURRENCES.	Friday Nov 22 ^o 1839	
1	3	3	1 E. d	W. by S	30.00	52.62			Commenced Fresh & Breeze	Spade	
2	3	3							100th Day, hail & snow		
3	3	3							At 4.30 P.M. the wind backing North		
4	3	3	fresh N.W.		30.00	37.64			more Day to the North		
5	3	3							At 10.00 P.M. the wind backing		
6	3	3							At 11.00 P.M. the wind backing		
7	3	3	W. by N		30.08				At 12.00 P.M. the wind backing		
8	3	3							At 1.00 P.M. the wind backing		
9	3	3							At 2.00 P.M. the wind backing		
10	3	3							At 3.00 P.M. the wind backing		
11	3	3							At 4.00 P.M. the wind backing		
12	3	3							At 5.00 P.M. the wind backing		
1	3	3							At 6.00 P.M. the wind backing		
2	3	3							At 7.00 P.M. the wind backing		
3	3	3							At 8.00 P.M. the wind backing		
4	3	3	N. by W.						At 9.00 P.M. the wind backing		
5	3	3							At 10.00 P.M. the wind backing		
6	3	3							At 11.00 P.M. the wind backing		
7	3	3							At 12.00 P.M. the wind backing		
8	3	3	W. by N. North		30.25	39.66			At 1.00 P.M. the wind backing		
9	2	2							At 2.00 P.M. the wind backing		
10	2	2	W. by S		30.32				At 3.00 P.M. the wind backing		
11	2	2							At 4.00 P.M. the wind backing		
12	2	2							At 5.00 P.M. the wind backing		
						30.40	45.86				
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	58.36	By Acct. Chron. Lunar.	69.00		Per Azimuth, " Amplitude,	West
Miles distance per Log. 68					Diff. Lat. 18'		Diff. Long. 44'		Inches in the well.	Set of the current,	SE.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR.	SEA-INS.	OCCURRENCES.	Saturday Nov 23 ^o 1839	
1	2	2	W. by N. North	by S	30.40	52.66			Commenced Fresh & Breeze		
2	2	2							At 1.00 P.M. the wind backing		
3	2	2	W. by S						At 2.00 P.M. the wind backing		
4	2	2			30.50	66			At 3.00 P.M. the wind backing		
5	2	2							At 4.00 P.M. the wind backing		
6	2	2							At 5.00 P.M. the wind backing		
7	2	2							At 6.00 P.M. the wind backing		
8	2	2							At 7.00 P.M. the wind backing		
9	2	2			30.55				At 8.00 P.M. the wind backing		
10	2	2							At 9.00 P.M. the wind backing		
11	2	2							At 10.00 P.M. the wind backing		
12	2	2							At 11.00 P.M. the wind backing		
1	2	2							At 12.00 P.M. the wind backing		
2	2	2							At 1.00 P.M. the wind backing		
3	2	2	W. by N. North	by S					At 2.00 P.M. the wind backing		
4	2	2							At 3.00 P.M. the wind backing		
5	2	2							At 4.00 P.M. the wind backing		
6	2	2							At 5.00 P.M. the wind backing		
7	2	2							At 6.00 P.M. the wind backing		
8	2	2							At 7.00 P.M. the wind backing		
9	2	2			30.60	75.62			At 8.00 P.M. the wind backing		
10	2	2							At 9.00 P.M. the wind backing		
11	2	2							At 10.00 P.M. the wind backing		
12	2	2							At 11.00 P.M. the wind backing		
						30.64	75.62				
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. M.
					By Acct. Obs. Dble. Alt.	58.31	By Acct. Chron. Lunar.	70.00		Per Azimuth, " Amplitude,	West
Miles distance per Log. 70					Diff. Lat. 5'		Diff. Long. 1.00'		Inches in the well.	Set of the current,	SE.

Baratar

from Gr. Haven to Salem

4 DAY
OF THE VOYAGE.

OF THE VOYAGE.											
H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM.	SOUND-INGS.	OCCURRENCES		
						Inch. Fath.	Air. Water.				
1	5		West	SE 1/2 E		30.60	45.62		Monday Nov 24th 1839		
2	5						0	7			
3	5										
4	5		West	East					First & Middle Parts Little Waves		
5	5								Spitting Clouds		
6	5										
7	5										
8	5										
9	5										
10	5								Comminator Fine B. Waves & Clouds		
11	5								all over Sea by the wind		
12	5										
1	4		West	SE 1/2 E		30.55					
2	4										
3	4										
4	4										
5	4										
6	4										
7	4										
8	4										
9	4										
10	4										
11	4										
12	4								One Small Current to the West		
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	E. M. A. M.
					By Acct. Obs. Dble. Alt.	40.20 N	By Acct. Chron. Lunar,	70.38 W	Lat. 30.47 NE 1/2 E 847	Per Azimuth, " Amplitude,	630 W
Miles distance per Log. 12.6					Diff. Lat.	1° 49'	Diff. Lon.	38'	Inches in the well.	Set of the current 24. 1/2 N.	

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. Air, (Wat.)	SOUND- INGS.	OCCURRENCES		
1	7		SE 1/2 E	SE 1/2 E		30.40	52.52		Monday Nov 25th 1839		
2	7								Commenced Fine B. Waves		
3	7								& cloudy weather		
4	7								Light B. Clouds in 20 Fath.		
5	7								20 Fine & Black Sands & small white		
6	7								left close to the wind & somewhat		
7	7								10 at 6 m 18 Fath. the sand		
8	7								13 " 6.45 " 10 " " " " "		
9	7								6 " 6.45 " 13 " " " " " "		
10	7								14 " 7.20 " 10.50 " 7.40 " 10.50		
11	7								10 " 7.40 " 10.50 " 7.40 " 10.50		
12	7								12 " 7.40 " 10.50 " 7.40 " 10.50		
1	6								20 " 7.40 " 10.50 " 7.40 " 10.50		
2	6								22 " 7.40 " 10.50 " 7.40 " 10.50		
3	6								Cloudy weather & a heavy sea		
4	6								7.40 " 10.50 " 7.40 " 10.50		
5	6								7.40 " 10.50 " 7.40 " 10.50		
6	6								7.40 " 10.50 " 7.40 " 10.50		
7	6								7.40 " 10.50 " 7.40 " 10.50		
8	6								7.40 " 10.50 " 7.40 " 10.50		
9	6								7.40 " 10.50 " 7.40 " 10.50		
10	6								7.40 " 10.50 " 7.40 " 10.50		
11	6								7.40 " 10.50 " 7.40 " 10.50		
12	6								7.40 " 10.50 " 7.40 " 10.50		
COURSE.			DIST.	DEPART.	LATITUDE.		LONGITUDE.		BEARING & DISTANCE.	VARIATION	E. M. A. M.
					By Acct. Obs. Dble. Alt.		By Acct. Chron. Lunar,			Per Azimuth, " Amplitude,	
Miles distance per Log.					Diff. Lat.		Diff. Long.		Inches in the well.	Set of the current, n.	

from

to

DAY
OF THE VOYAGE.

COURSE.	DIST.	DEPART.	LATITUDE.	LONGITUDE.	BEARING & DISTANCE.	VARIATION	P.M.A.E.
By Acct. Obs. Dir. Alt.				By Acet. Chron. Lunar,		Per Azimuth, " Amplitude,	
Miles distance per Leg.			Diff. Lat.	Diff. Long.	Inches in the Wind.	Set of the current,	N.

H.	K.	F.	COURSES.	WINDS.	LEE WAY.	BAROM.	THERMOM. AIR/WAT.	SOUND INGS.	OCCURRENCES.	Day of	18	
1												
2												
3												
4												
5												
6												
7												
8												
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COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.		BEARING & DISTANCE.	VARIATION	P. M. A. N.
					By Acct. Obs. Dble. Alt.			By Acct. Chron. Lunar.			Per Azimuth, " Amplitude,	
Miles distance per Log.					Diff. Lat.			Diff. Long.		Inches in the well.	Set of the current,	N.

Log Tackle from Boston

Lansibar

79th DAY OF THE VOYAGE.

H.	K.	P.	COURSES.	WINDS.	LEF. WAY.	BAROM.	THERMOM. Air/Wat.	SOUND-INDEX.	OCCURRENCES.	Day of the Month	Is.	
1	5	4	Ely N. N. East	SE			66		Commences with rough water Midnight fresh & thick weather	Sept 17	Thursday	
2	5	4					64					
3	5	4										
4	5	4	E. N. E.									
5	5	4	Ely N. N. East			30.50						
6	5	4	E. N. E.									
7	5	4										
8	5	4										
9	5	4										
10	5	4										
11	5	4										
12	5	4										
13	5	4										
14	5	4	N. N. E. West			30.25						
15	5	4										
16	5	4										
17	5	4										
18	5	4										
19	5	4										
20	5	4										
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100	5	4										
COURSE.			DIST.	DEPART.	LATITUDE.			LONGITUDE.	BEARING & DISTANCE.	VARIATION	P. M. A. N.	
					By Acct.	20.53.10	By Acct.	92.4.31.6		Per Azimuth,		
					Thrs. Dub. Al.	True	Chron. Lat.			" Amplitude,		
Miles distance per Log.			138		Diff. Lat.		1.45'	Diff. Long.		1.18'	Inches in the well.	
											Set of the current,	21.

H.	K.	P.	COURSES.	WINDS.	LEF. WAY.	BAROM.	THERMOM. Air. Wat.	SOUND. ENG.	OCCURRENCES.	Friday	Day of Sep	18 40								
1	5	4	N. by N.	East	30.55	62			Commences with a mild morning fresh breeze & thick weather with occasional squalls of rain.											
2	5	4																		
3	5	4																		
4	5	4	N. E. by N.	S. E.																
5	5	4																		
6	5	4	N. East	S. East					Terminated Moderate pleasant & very smooth. All day long fair & dry.											
7	5	4																		
8	5	4																		
9	5	4																		
10	5	4																		
11	5	4																		
12	5	4																		
1	2	5																		
2	2	5																		
3	2	5																		
4	2	5																		
5	2	5																		
6	2	5																		
7	2	5																		
8	2	5	N. E. by N.	S. E.	30.50															
9	2	5																		
10	2	5																		
11	2	5																		
12	2	5	N. by E.	E. by N.	30.50	68			Clear at last 3 days N. by E. & S. by E.											
COURSE.		DIST.		DEPART.		LATITUDE.		LONGITUDE.		BEARING & DISTANCE.		VARIATION		P. M. A. M.						
						By Acct. Chron. 32 50 50		By Acct. Chron. 40 09 0				Per Azimuth, 28 0 1/2								
						Diff. Alt.		Lunar,				" Amplitude,								
Miles distance per Log. 160													Diff. Lat. 30 04'		Diff. Long. 1 38'		Inches in the well.		Set of the current, 16 m. N. by E.	

Bark Star sailed from Salem July 23^d 1838
 Arrived at Cape Town Oct 9th 1838 Took the N.E. Trades Outward
 Sailed from - do - Oct 25th " in Lat 26th N Long 35th West
 Arrived at Aggenza Nov 15th " Took the S.E. Trades Outward
 Sailed from - do - Nov 21st " in Lat 1st S Long 16th West
 Arrived at Lamsiba Dec 1st " Lost him in 30th S Long 22nd
 Sailed from - do - Dec 5th " Crossed the Equator outward
 Arrived at Majunga Dec 19th " in Long 15th West! Sept 5th
 Sailed from - do - " 25th " Took the S.E. Trades Homeward
 Arrived at Mozambique Jan 2^d 1839 in Lat 26th S Long 6th E
 Sailed from - do - " 10th " Crossed the Equator Homeward
 Arrived at Lamsiba " 22nd " in Long 31st W Oct 26th
 Sailed from - do - Feb 5th " Lost the P.E. Trades Homeward
 Arrived at Nocha March 19th " in Lat 6th N Long 36th West Oct 4th
 Sailed from - do - April 24 " Took the N.E. Trades Oct 31st
 Arrived at Natal May 12th " Lat 23rd N Long 39th West
 Sailed from - do - " 18th "
 Arrived at Bombay " 24th "
 Sailed from - do - June 15th "
 Arrived at Majunga July 15th "
 Sailed from - do - " 29th "
 Arrived at Lamsiba " 34th "
 Sailed from - do - Aug 13th "
 Arrived at Majunga Sept 1st "
 Sailed from - do - " 6th "
 Saw the Land of Mozambique Sept 9th "
 Saw the Land off Algoa Bay " 25th "
 Crossed the Cape of Hope Oct 2^d "
 Arrived at St Helena " 11 "
 Sailed from - do - " 13 "
 Arrived at Salem Nov 26. 1839
 After an absence of 16 mos and 3 days -

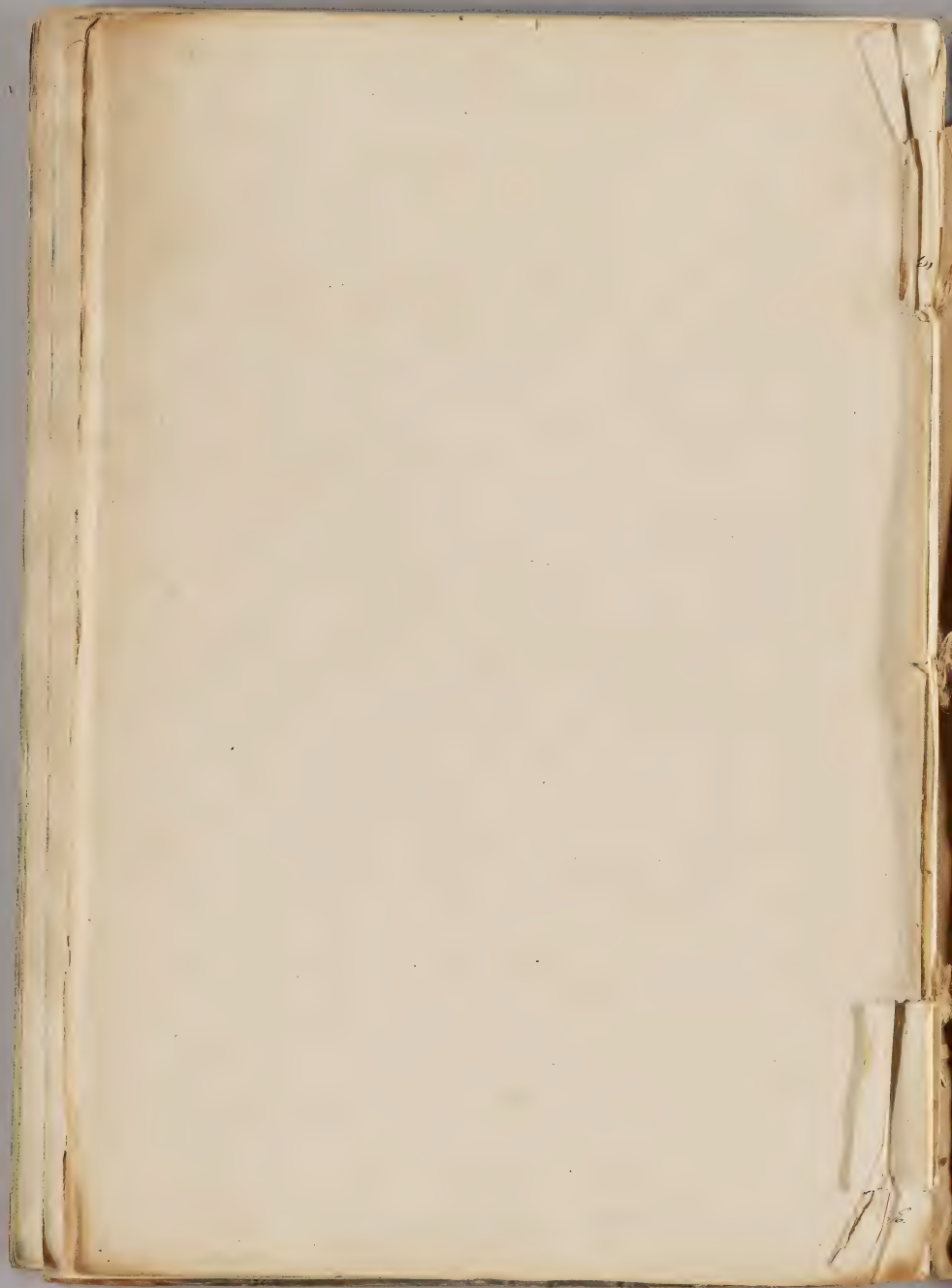
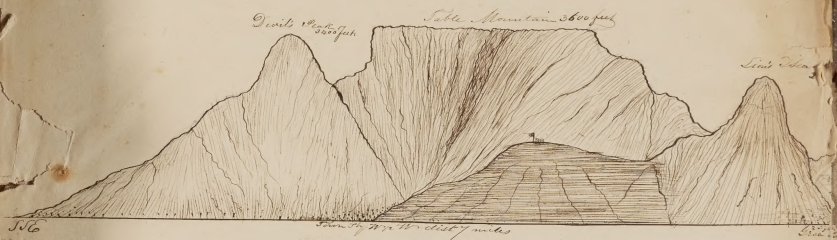


Table Mountain as seen from Indian point of Table Bay Oct 25



Albion Ferry

main lake 4.57 at 8 Mile Aqueduct (Ent) Moon's Fastest Sumb

8.16.00	52.50	56.58	SD 14.47
17.20	54.11	56.14	41.13
22.40	55.24	55.22	(SD) 15.00
50.00	156.25	168.34	(P) 54.15
16.40 Mh	54.08	56.11	
12.48.22 Siff	54.04	20	10.30.00 pr chro
10.05.02 Siff		55.51	8.41.38 pr Water
3.02.5 Sffo			1.48.22 Siff
12.08.05.5 Greenwich Tenn		64.36	9.9557-9.9557
8.20.05		54.04	10.2619-10.2619
		55.51	10.0349-11.3163
1.65.00		74.29	1.8846-2290
Aug 2.7.00 pr chro		87.10	2.1371-1.7629
		32.40	
		33.10	

Sist Fth

64.52.30

57.45

57.15

45.30

64.51.50

3.00

64.48.50

15.00

64.33.50

39.19

26.93

11.19

3.06

2.20

64.07.47

8218

64.04.55

3974

27.08

4244

2.9.00.00

21.07.45

10.07.45

8.20.05

1.47.40

Sump Linn 26.55 La
pr chro 27.00
Siff - 5

54.00 20003
40 00474
81 334 38570
136.17 9.96154
68.08 2.2052
14.04 9.48077

14.42.58
2.20.52
19.22.06
4.07.32
8.14.34
5.31
8.20.05 Time of Ship

Table Mountain



dist 6 miles.

From North 15th Reg. San Jil on 1st Oct

10.15	22.33	57.09	25.19.45	65.10	57.12
11.15	22.33	12	10.00	25.00	57.12
12.15	23.35	57.57	12.45	14.50	12
13.15	23.35	57.57	14.00		
14.15	24.17	58.16.25	16.00		
15.15	24.17	58.16.25	37.30		
16.15	24.17	58.16.25	45.14.34		
17.15	24.17	58.16.25	45.14.34		
18.15	24.17	58.16.25	45.14.34		
19.15	24.17	58.16.25	45.14.34		
20.15	24.17	58.16.25	45.14.34		
21.15	24.17	58.16.25	45.14.34		
22.15	24.17	58.16.25	45.14.34		
23.15	24.17	58.16.25	45.14.34		
24.15	24.17	58.16.25	45.14.34		
25.15	24.17	58.16.25	45.14.34		
26.15	24.17	58.16.25	45.14.34		
27.15	24.17	58.16.25	45.14.34		
28.15	24.17	58.16.25	45.14.34		
29.15	24.17	58.16.25	45.14.34		
30.15	24.17	58.16.25	45.14.34		
31.15	24.17	58.16.25	45.14.34		
32.15	24.17	58.16.25	45.14.34		
33.15	24.17	58.16.25	45.14.34		
34.15	24.17	58.16.25	45.14.34		
35.15	24.17	58.16.25	45.14.34		
36.15	24.17	58.16.25	45.14.34		
37.15	24.17	58.16.25	45.14.34		
38.15	24.17	58.16.25	45.14.34		
39.15	24.17	58.16.25	45.14.34		
40.15	24.17	58.16.25	45.14.34		
41.15	24.17	58.16.25	45.14.34		
42.15	24.17	58.16.25	45.14.34		
43.15	24.17	58.16.25	45.14.34		
44.15	24.17	58.16.25	45.14.34		
45.15	24.17	58.16.25	45.14.34		
46.15	24.17	58.16.25	45.14.34		
47.15	24.17	58.16.25	45.14.34		
48.15	24.17	58.16.25	45.14.34		
49.15	24.17	58.16.25	45.14.34		
50.15	24.17	58.16.25	45.14.34		
51.15	24.17	58.16.25	45.14.34		
52.15	24.17	58.16.25	45.14.34		
53.15	24.17	58.16.25	45.14.34		
54.15	24.17	58.16.25	45.14.34		
55.15	24.17	58.16.25	45.14.34		
56.15	24.17	58.16.25	45.14.34		
57.15	24.17	58.16.25	45.14.34		
58.15	24.17	58.16.25	45.14.34		
59.15	24.17	58.16.25	45.14.34		
60.15	24.17	58.16.25	45.14.34		
61.15	24.17	58.16.25	45.14.34		
62.15	24.17	58.16.25	45.14.34		
63.15	24.17	58.16.25	45.14.34		
64.15	24.17	58.16.25	45.14.34		
65.15	24.17	58.16.25	45.14.34		
66.15	24.17	58.16.25	45.14.34		
67.15	24.17	58.16.25	45.14.34		
68.15	24.17	58.16.25	45.14.34		
69.15	24.17	58.16.25	45.14.34		
70.15	24.17	58.16.25	45.14.34		
71.15	24.17	58.16.25	45.14.34		
72.15	24.17	58.16.25	45.14.34		
73.15	24.17	58.16.25	45.14.34		
74.15	24.17	58.16.25	45.14.34		
75.15	24.17	58.16.25	45.14.34		
76.15	24.17	58.16.25	45.14.34		
77.15	24.17	58.16.25	45.14.34		
78.15	24.17	58.16.25	45.14.34		
79.15	24.17	58.16.25	45.14.34		
80.15	24.17	58.16.25	45.14.34		
81.15	24.17	58.16.25	45.14.34		
82.15	24.17	58.16.25	45.14.34		
83.15	24.17	58.16.25	45.14.34		
84.15	24.17	58.16.25	45.14.34		
85.15	24.17	58.16.25	45.14.34		
86.15	24.17	58.16.25	45.14.34		
87.15	24.17	58.16.25	45.14.34		
88.15	24.17	58.16.25	45.14.34		
89.15	24.17	58.16.25	45.14.34		
90.15	24.17	58.16.25	45.14.34		
91.15	24.17	58.16.25	45.14.34		
92.15	24.17	58.16.25	45.14.34		
93.15	24.17	58.16.25	45.14.34		
94.15	24.17	58.16.25	45.14.34		
95.15	24.17	58.16.25	45.14.34		
96.15	24.17	58.16.25	45.14.34		
97.15	24.17	58.16.25	45.14.34		
98.15	24.17	58.16.25	45.14.34		
99.15	24.17	58.16.25	45.14.34		
100.15	24.17	58.16.25	45.14.34		

